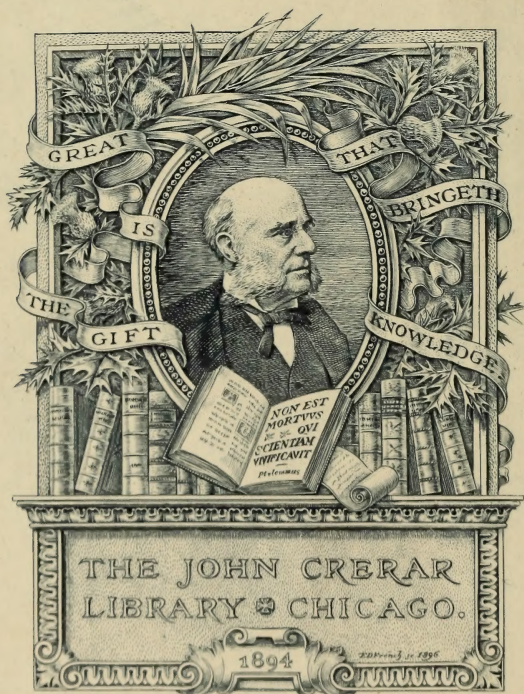




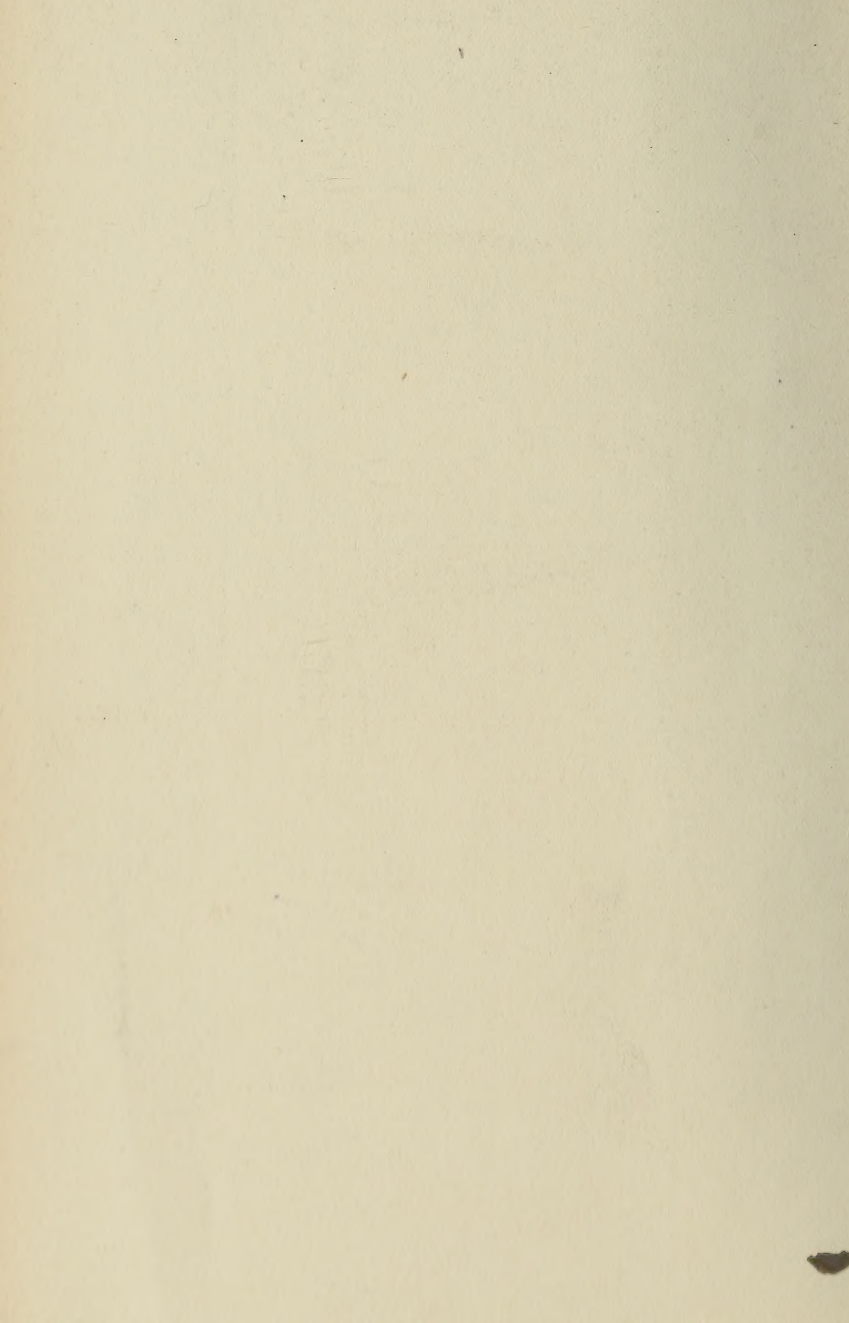
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Amherst College





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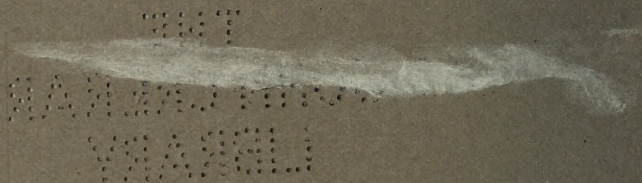


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Amherst College

THE
AMHERST
LIBRARY
Catalogue

1906-1907





THE
JOHN O'BRYEN
LIBRARY

AMHERST COLLEGE CATALOGUE



Pratt Health Cottage

TAYLOR ST.

ELM ST.

SUNSET AVE.

NORTH PROSPECT ST.

AMITY ST.

ΦΚΨ

32 27

GAYLORD ST.

30

ΘΔΧ

12

LINCOLN AVE.

White Horse Hall

ΨΥ

3

College Hall

Library

President's House

14

ST. ST.

PARSONS

WOODSIDE AVE.

10

31

ORCHARD

33

ST.

Grand Stand

3

2

11

Observatory House

Observatory

11

SNELL ST.

Blake Field

Amherst & Sunderland Electric Railway

Amherst & Amherst Electric Railway

Amherst & Amherst Electric Railway

Amherst & Amherst Electric Railway

TRIANGLE ST.

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ΔΚΕ

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LESSEY ST.

MAH--ST.

Town Hall

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MAPLE AVE.

Common

BEΠ

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17

ΦΔΘ

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Hitchcock Hall

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Walker Hall

Williston Hall

North College

Johnson Chapel

South College

Appletton

Cabinet Biol. Lab.

25

4

Geol. Cabinet & Laboratory

Pratt Gymnasium

College Church

Barrett Gymnasium

Chemical Laboratory

Physical Laboratory

Pratt Gymnasium

College Church

Barrett Gymnasium

Chemical Laboratory

Physical Laboratory

Pratt Gymnasium

Central Vermont R. R. Sta.

From Palmer

To Boston

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Amherst & Amherst Electric Railway

- A College Church
- B Congregational
- C Episcopal
- D Baptist
- E Unitarian
- F Roman Catholic
- G Zion's Chapel
- 1 President Hall
- 2 Professor Kim
- 3 " Harris
- 4 " Esty
- 5 " Olds
- 6 " Morse
- 7 " H. de F. S
- 8 " Emerson
- 9 " Cowles
- 10 " Gallinger
- 11 " Todd
- 12 " Elwell
- 14 " Nitze
- 15 " Grosvenor
- 16 " Hitchcock
- 17 " Genuer
- 18 " Churchill
- 19 " Crook
- 20 " Tyler
- 22 " Garman
- 23 " Bigelow
- 24 " Fletcher
- 25 " Hopkins
- 26 " Crowell
- 27 " Phillips
- 28 " Loomis
- 29 " Neffigan
- 30 Mr. Corsa
- 31 " Galpin
- 32 " Chapin
- 33 " Kidder

Amherst College Catalogue

For the Year
1906-1907



Amherst & Massachusetts
Published by the College

1906

1907

1908

JULY

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College Calendar

1906

September	17-20,	Examinations for admission	Monday to Thursday
September	20,	Beginning of the College Year	11.30 A.M. Thursday
October	8,	Mountain Day, a holiday	Monday
November	29-30,	Thanksgiving Recess	Thursday and Friday
December	19,	Christmas Recess begins	12.20 P.M. Wednesday

1907

January	3,	Christmas Recess ends	2 P.M. Thursday
Jan. 29-Feb.	7,	Semi-annual Examinations	
February	6,	First Half Year ends	Wednesday

February	7,	Second Half-Year begins	Thursday
February	10,	Day of Prayer for Colleges	Sunday
February	22,	Washington's Birthday, a holiday	Friday
March	13,	Ladd and Leland Gymnastic Exhibition	Wednesday
March	28,	Spring Recess begins	12.20 P.M. Thursday
April	10,	Spring Recess ends	8.15 A.M. Wednesday
May	30,	Memorial Day, a holiday	Thursday
June	10-13,	Senior Examinations	
June	14-22,	Semi-annual Examinations	
June	18-21,	Examinations for admission	Tuesday to Friday
June	23,	Baccalaureate Sermon	Sunday
June	24,	Kellogg Prize Declamation	Monday evening
June	25,	Class Day	Tuesday
June	25,	President's Reception	Tuesday afternoon
June	25,	Hyde Prize Orations	Tuesday evening
June	26,	Commencement Exercises	Wednesday forenoon
June	26,	Alumni Dinner	Wednesday afternoon

SUMMER VACATION OF TWELVE WEEKS

September	16-19,	Examinations for admission	Monday to Thursday
September	19,	Beginning of the College Year	11.30 A.M. Thursday
December	18,	Christmas Recess begins	12.20 P.M. Wednesday

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Organization

AMHERST COLLEGE was opened 19th September 1821, and forty-seven students were then admitted into the four regular classes. Its charter, received 21st February 1825, confers upon the Corporation the right to perpetuate itself, together with the privileges usually granted to the trustees of such institutions. It provides that the number of trustees shall never be greater than seventeen, seven of whom shall be clergymen and ten laymen, and that the five vacancies first occurring shall thenceforward be filled by the joint ballots of the Legislature of Massachusetts, in convocation of both Houses. This provision was maintained for nearly fifty years, until the Legislature, by an Act passed, and approved by the Governor 28th April 1874, conferred the power of filling these five vacancies upon the Alumni, by whom it is now exercised in accordance with rules adopted by the Board of Trustees in concurrence with the Society of the Alumni. The corporate name of the Institution is the Trustees of Amherst College.

The general government of the College is vested in the Board of Trustees. Its immediate direction is vested in the Faculty, who are empowered by the Trustees to determine the topics and order and method of study, and to make such rules as may be deemed necessary for the best regulation of the College.

Corporation

HON. JOHN E. SANFORD, LL.D. . . . Taunton, Mass.
President of the Corporation

REV. GEORGE HARRIS, D.D., LL.D. . . Amherst, Mass.
President of the College

PROFESSOR WILLISTON WALKER, D.D. New Haven, Conn.
Secretary of the Corporation

G. HENRY WHITCOMB, M.A. . . . Worcester, Mass.

REV. WILLIAM HAYES WARD, D.D., LL.D. New York, N.Y.

CHARLES M. PRATT, M.A. . . . Brooklyn, N.Y.

HON. CHARLES H. ALLEN, LL.D. . . . Lowell, Mass.

ARTHUR H. DAKIN, M.A. . . . Boston, Mass.

GEORGE A. PLIMPTON . . . New York, N.Y.

MASON W. TYLER, M.A. . . . Plainfield, N.J.

REV. HENRY H. KELSEY, M.A. . . . Hartford, Conn.

REV. L. MASON CLARKE, D.D. . . . Brooklyn, N.Y.

ARTHUR CURTISS JAMES, M.A. . . . New York, N.Y.

JOHN W. SIMPSON, LL.D. . . . New York, N.Y.

REV. CORNELIUS H. PATTON, D.D. . . Boston, Mass.

DEAN WILFORD L. ROBBINS, D.D., LL.D. New York, N.Y.

EDWIN F. BAYLEY . . . Chicago, Ill.

WALTER M. HOWLAND, M.A. . . . Amherst, Mass.
Treasurer of the Corporation

Overseers of the Charitable Fund

Rev. JOHN M. GREENE, D.D.	Lowell, Mass.
M. FAYETTE DICKINSON, M.A.	Boston, Mass.
Professor WILLIAM B. GRAVES, M.A. . . .	Andover, Mass.
JOHN C. HAMMOND, M.A.	Northampton, Mass.
Rev. ROBERT M. WOODS, D.D.	Hatfield, Mass.
LEWIS W. WEST	Hadley, Mass.
Rev. JAMES W. BIXLER, D.D.	New London, Conn.

WALTER M. HOWLAND, M.A., *Commissioner*

Faculty

GEORGE HARRIS, D.D., LL.D.

President of the College

EDWARD PAYSON CROWELL, D.D.

Moore Professor of the Latin Language and Literature

EDWARD HITCHCOCK, M.D., LL.D.

Parmly Billings Professor of Hygiene and Physical Education, and Dean of the Faculty

WILLIAM COLE ESTY, LL.D.

Professor Emeritus of Mathematics and Astronomy

ELIJAH PADDOCK HARRIS, PH.D., LL.D.

Professor of Chemistry

BENJAMIN KENDALL EMERSON, PH.D.

Hitchcock Professor of Mineralogy and Geology

ANSON DANIEL MORSE, LL.D.

Winkley Professor of History

HENRY BULLARD RICHARDSON, M.A.¹

Professor of the German Language and Literature

JOHN MASON TYLER, PH.D.

Stone Professor of Biology

CHARLES EDWARD GARMAN, D.D.

Professor of Mental and Moral Philosophy

¹Died October 17, 1906.

DAVID TODD, PH.D.

*Professor of Astronomy and Navigation, Director of the
Observatory, and Secretary of the Faculty*

JOHN FRANKLIN GENUNG, PH.D., D.D.

Professor of Literary and Biblical Interpretation

WILLIAM LYMAN COWLES, M.A.

Professor of Latin

ARTHUR LALANNE KIMBALL, PH.D.

Professor of Physics

GEORGE DANIEL OLDS, M.A.

Walker Professor of Mathematics

EDWIN AUGUSTUS GROSVENOR, LL.D.

Professor of Modern Government and International Law

HARRY DEFOREST SMITH, M.A.

John C. Newton Professor of Greek

GEORGE BOSWORTH CHURCHILL, PH.D.

Professor of English Literature

WILLIAM ALBERT NITZE, PH.D.

Professor of Romance Languages

THOMAS CUSHING ESTY, M.A.

Professor of Mathematics

WILLIAM PINGRY BIGELOW, M.A.

Professor of Music and German

LEVI HENRY ELWELL, M.A.

Associate Professor of Greek, and Instructor in Sanskrit

JOSEPH OSGOOD THOMPSON, PH.D.

Associate Professor of Physics

ARTHUR JOHN HOPKINS, PH.D.

Associate Professor of Chemistry

JAMES WALTER CROOK, PH.D.

Associate Professor of Economics

PAUL CHRYSOSTOM PHILLIPS, M.D.

Associate Professor of Hygiene and Physical Education

HERBERT PERCIVAL GALLINGER, PH.D.

Associate Professor of History

FREDERIC BREWSTER LOOMIS, PH.D.

Associate Professor of Biology

JOHN ERSKINE, PH.D.

Associate Professor of Rhetoric and English Literature

WILLIAM JESSE NEWLIN, M.A.

Associate Professor of Mathematics and Psychology

RICHARD FRANCIS NELLIGAN,

Assistant Professor of Hygiene and Physical Education

ARTHUR HENRY BAXTER, PH.D.

Assistant Professor of Romance Languages

ROBERT MACFARLANE CHAPIN, B.A.

Instructor in Chemistry

JOHN CORSA, M.A.

Instructor in Logic and Public Speaking

STANLEY LEMAN GALPIN, PH.D.

Instructor in Romance Languages

HAROLD LOOMIS CLEASBY, PH.D.

Instructor in Latin

ROBERT PALFREY UTTER, PH.D.

Instructor in English

OTTO MANTHEY-ZORN, PH.D.

Instructor in German

FRANK OTIS REED, PH.D.

Lecturer on the Rufus B. Kellogg University Fellowship

WILLIAM ISAAC FLETCHER, M.A.

Otis Librarian

ALFRED SHEPARD GOODALE, B.A.

Registrar, Instructor in Botany

HARRY WELTON KIDDER, B.A.

Assistant to the Treasurer

Committees of the Faculty

Administration: The PRESIDENT, Professors OLDS, KIMBALL, TYLER, COWLES, ESTY, (the REGISTRAR, Secretary).

Library: The PRESIDENT, Professors GENUNG, GROSVENOR, NITZE, CROOK, ESTY, HOPKINS, the TREASURER.

Catalogue: The PRESIDENT, Professors HITCHCOCK, TODD, SMITH.

Entrance Examinations: Professors COWLES, KIMBALL, OLDS, CHURCHILL, ELWELL, HOPKINS, BIGELOW, NITZE, GALLINGER, the REGISTRAR.

Certificate Privilege: The PRESIDENT, Professors TYLER, COWLES, HOPKINS.

Curriculum: The PRESIDENT, Professors HARRIS, EMERSON, GENUNG, MORSE, GARMAN, COWLES, KIMBALL, OLDS, SMITH, NITZE, CROOK.

Scholarship and Beneficiary Aid: The PRESIDENT, Professors HITCHCOCK, TYLER, COWLES.

Student Loan Fund: The PRESIDENT, Professor TODD, the TREASURER.

Monitors: Professors HITCHCOCK, CROWELL, the REGISTRAR.

Public Exhibitions: Professors HITCHCOCK, GROSVENOR, SMITH, CHURCHILL, CROOK.

Commencement: Professors HITCHCOCK, TODD, MR. KIDDER.

Degrees: The PRESIDENT, Professors GENUNG, CROOK.

Alumni Teachers' Exchange: Professors TYLER, GARMAN, GENUNG, COWLES, OLDS, the REGISTRAR.

College Preachers

1905-1906

Mr. ROBERT E. SPEER	New York, N. Y.
Rev. WILLARD SCOTT, D.D.	Worcester, Mass.
Rev. ALBERT P. FITCH	Boston, Mass.
Rev. ALEXANDER MCKENZIE, D.D.	Cambridge, Mass.
Pres. WM. DEW. HYDE, D.D., LL.D.	Brunswick, Me.
Pres. CHARLES CUTHBERT HALL, D.D.	New York, N. Y.
Pres. HOWARD S. BLISS	New York, N. Y.
Rev. A. W. VERNON	Hanover, N. H.
Dean WILFORD L. ROBBINS, D.D.	New York, N. Y.
Rev. WILLIAM R. RICHARDS	New York, N. Y.
Rev. H. P. DEWEY, D.D.	Brooklyn, N. Y.
Rev. NEHEMIAH BOYNTON, D.D.	Brooklyn, N. Y.
Rev. C. H. PATTON, D.D.	Boston, Mass.
Rev. W. L. BARTON, D.D.	Oak Park, Ill.
Rev. JOHN T. STONE	Baltimore, Md.
Rev. EDWARD F. SANDERSON	Providence, R. I.
Rev. ALBERT J. LYMAN, D.D.	Brooklyn, N. Y.
Pres. WM. D. MACKENZIE, D.D.	Hartford, Conn.
Rev. JOHN DE PEAU	Bridgeport, Conn.
Rev. ALBERT P. FITCH	Boston, Mass.
Rev. FRANK J. GOODWIN	Pawtucket, R. I.
Rev. ROCKWELL H. POTTER	Hartford, Conn.
Rev. HERBERT A. JUMP	Brunswick, Me.
Rev. ARTHUR P. HUNT	New York, N. Y.
Rev. L. MASON CLARKE, D.D.	Brooklyn, N. Y.
Rev. J. W. BIXLER, D.D.	New London, Conn.
Rev. GEORGE A. GORDON, D.D.	Boston, Mass.
Prof. GEORGE H. PALMER	Cambridge, Mass.
Rev. JOHN H. DENISON	Boston, Mass.

President HARRIS, Professors H. PRESERVED SMITH and GENUNG

Fellows

FRANK OTIS REED, PH.D. Amherst, Mass.

Rufus B. Kellogg University Fellow

PERCY ROBERT CARPENTER Amherst, Mass.

Edward Hitchcock Fellow

MASON WHITING TYLER, B.A. (1906) . . . New York, N.Y.

Roswell Dwight Hitchcock Memorial Fellow in History

FREDERICK SEWALL BAILEY, B.A. (1906) . . . Boston, Mass.

South End House Fellow

Graduate Students

JAMES SHELLEY HAMILTON, B.A. (1906)

English

WILLIAM HEBER WILSON, B.A. (Brooklyn Polytechnic Institute, 1906)

Economics

Senior Class

Allaire, Leonard Curren	<i>Hatfield, Mass.</i>	
Allchin, Stanley Danforth	<i>Osaka, Japan</i>	B Θ Π House
Andrews, Chester Huston	<i>Walpole, Mass.</i>	Φ K Ψ House
Arnold, Samuel Earl	<i>Brattleboro, Vt.</i>	8 Woodside Ave.
Atwood, Felix Ballard	<i>Brooklyn, N. Y.</i>	16 Maple Ave.
Averill, Theodore Burton	<i>Flushing, N. Y.</i>	Δ T House
Barlow, Harry Edward	<i>Amherst, Mass.</i>	7 Northampton Road
Barton, Bruce Fairchild	<i>Oak Park, Ill.</i>	A Δ Φ House
Beach, Harry Teachout	<i>Burlington, Vt.</i>	15 Nash's Block
Beecher, Daniel	<i>Prescott, Mass.</i>	17 S. Prospect St.
Bell, Roy Whiting	<i>Albany, N. Y.</i>	Ψ T House
Billings, Roswell Graves	<i>Hatfield, Mass.</i>	Φ Γ Δ House
Blanchard, Sidney Cutting	<i>Winchester, Mass.</i>	Φ K Ψ House
Boynton, Edward Chadbourne	<i>Brooklyn, N. Y.</i>	X Φ House
Brown, Harold Stuart	<i>Belmont, N. Y.</i>	Θ Δ X House
Cary, George Emerson	<i>Kyoto, Japan</i>	Φ K Ψ House
Chestnut, James LeCount	<i>Washington, D. C.</i>	10 North College
Coburn, Aaron Cutler	<i>South Norwalk, Conn.</i>	12 Spring St.
Conley, William Edward	<i>Brooklyn, N. Y.</i>	Φ Γ Δ House
Connell, James Carl	<i>Baldwinsville, N. Y.</i>	Δ K E House
Crook, Harold Richard	<i>Seattle, Wash.</i>	B Θ Π House
Crowe, John Simpson	<i>Holyoke, Mass.</i>	Chemical Laboratory
Cumming, Robert Black	<i>Belchertown, Mass.</i>	16 Nash's Block
Dorflinger, Charles William	<i>Honesdale, Pa.</i>	X Φ House
Foster, Clarence Spencer	<i>Hartford, Conn.</i>	College Library
Graham, Chester Campbell	<i>Bloomington, Ill.</i>	Φ Γ Δ House
Greenaway, George, Jr.	<i>Indian Orchard, Mass.</i>	Φ Δ Θ House
Hall, Edward Twichell	<i>Andover, Mass.</i>	Θ Δ X House
Hartshorne, Hugh	<i>Methuen, Mass.</i>	X Ψ Lodge
Haseltine, William	<i>Bradford, Mass.</i>	Φ Γ Δ House
Hawkes, Walter Ernest	<i>Clyftondale, Mass.</i>	Φ Γ Δ House
Hay, Harry Robert	<i>Pittsfield, Mass.</i>	B Θ Π House

Hood, George Cooper	Corning, N. Y.	B & H House
Hubbard, John Houghton	Harfield, Mass.	Φ Γ Δ House
Hunter, John Montgomery	Sanbury, Pa.	Φ Τ House
Jones, Roland Jewett	St. Louis, Mo.	Φ Τ House
Kaine, John Daniel	Beaulehore, Vi.	8 Woodside Ave.
King, Henry Hall	Radford, Mass.	70 S. Pleasant St.
Lamb, Clarence Alvan	Attleboro, Mass.	Φ Δ Φ House
Lewis, Frank Edward Anthony	Wellesley, Mass.	Gymnasium
Locke, Owen Alvin	Northampton, Mass.	B & H House
McClelland, John Joseph	Westhaven, Conn.	Φ Γ Δ House
Malconian, Malcolm Varian	Springfield, Mass.	College Library
Morton, John Jamieson	Worcester, Mass.	Φ Γ Δ House
Oberly, John Shimer	New York, N. Y.	
Osborn, Henry Sanford	Reading, Conn.	Δ Τ House
Palmer, Herbert Hall	Braintree, Mass.	Δ Τ House
Powell, Chilton Latham	Baltimore, Md.	3 Northampton Road
Pratt, Elmer Arvin	Housatonic, Mass.	Φ Δ Φ House
Price, Walter Smith	Westerly, R. I.	Δ Κ Ε House
Rand, Albert Edward	Providence, R. I.	Δ Δ Φ House
Rowe, Harry A.	Amsterdam, N. Y.	Φ Δ Φ House
Scott, Robert Harry	Brooklyn, N. Y.	
Sheehan, Daniel Francis	Northampton, Mass.	8 Woodside Ave.
Slorum, Charles Pulsifer	Newtownville, Mass.	Δ Κ Ε House
Stevens, Clayton Pingree	Northampton, Mass.	8 N. Prospect St.
Sweet, Henry Lewis	West Stockbridge, Mass.	Φ Γ Δ House
Swen, Warren Lincoln	Gloucester, Mass.	Φ Δ Φ House
Twitchell, Edmund Warner	Lockport, N. Y.	Whitridge Hall
Walbridge, Merrill Packard	St. Louis, Mo.	Δ Δ Φ House
Waller, John Mather	New London, Conn.	Φ Τ House
Whitelaw, Robert Malcolm	St. Louis, Mo.	Φ Τ House
Willard, John Dayton	Amherst, Mass.	31 Lincoln Ave.
Wilson, Claude Thomas	Waterville, N. Y.	Δ Δ Φ House
Wright, Edward Nims	Northampton, Mass.	
Wyman, Edmund Allan*	St. Louis, Mo.	Φ Τ House

*Special Student.

Junior Class

Abbott, Donald Beardsley	<i>Brooklyn, N. Y.</i>	A Δ Φ House
Baily, Harold James	<i>Brooklyn, N. Y.</i>	B Θ Π House
Benedict, Gilbert W.	<i>Fulton, N. Y.</i>	Θ Δ X House
Birdsall, Wilfred Thomas	<i>Philadelphia, Pa.</i>	A Δ Φ House
Birge, Julius Stanley	<i>St. Louis, Mo.</i>	X Ψ Lodge
Blanchard, Cecil King	<i>Quincy, Mass.</i>	Φ Γ Δ House
Burg, William Henderson	<i>St. Louis, Mo.</i>	X Ψ Lodge
Burns, George	<i>Brockport, N. Y.</i>	Ψ T House
Burt, Frank Allen	<i>Newton, Mass.</i>	Φ Γ Δ House
Burt, Philip Hunt	<i>Newton, Mass.</i>	Φ Γ Δ House
Callahan, James Henry	<i>Pittsfield, Mass.</i>	7 Parsons St.
Chapin, Warren Storrs	<i>Hartford, Conn.</i>	A Δ Φ House
Cobb, Perry Rush	<i>Schoolcraft, Mich.</i>	69 S. Pleasant St.
Danahey, Michael Ignatius	<i>Amherst, Mass.</i>	28 McClellan St.
Davis, Harry Willard	<i>Greenfield, Mass.</i>	Ψ T House
Delamater, John Oscar	<i>Arlington, N. Y.</i>	14 Nash Court
Dewing, Edward Ogden	<i>Brooklyn, N. Y.</i>	Physics Laboratory
Dubreuil, Walter William	<i>Worcester, Mass.</i>	8 Spring St.
Dudley, Henry Augustus	<i>Marlboro, Mass.</i>	Θ Δ X House
Dunbar, Arthur Richards	<i>W. Bridgewater, Mass.</i>	17 Spring St.
Fletcher, John Lockwood	<i>Amherst, Mass.</i>	54 Pleasant St.
Flynt, Robert Hussey	<i>Monson, Mass.</i>	B Θ Π House
Forbes, Allan White	<i>Worcester, Mass.</i>	Φ Γ Δ House
Gibson, Kenneth Morrison	<i>New York, N. Y.</i>	12 Spring St.
Gildersleeve, John Andrew	<i>Mattituck, N. Y.</i>	Θ Δ X House
Godfrey, Francis Joseph	<i>Springfield, Mass.</i>	8 Spring St.
Gold, Walter Conkey	<i>Amherst, Mass.</i>	Whitney St.
Hamlin, Marston Lovell	<i>New York, N. Y.</i>	A Δ Φ House
Hardy, Clarence Everett	<i>Newtonville, Mass.</i>	Φ Γ Δ House
Hardy, George Elliott	<i>Fitchburg, Mass.</i>	Φ Γ Δ House
Hubbard, Hugh Wells	<i>White Plains, N. Y.</i>	Φ K Ψ House
Jamieson, Philip Starr	<i>Newton, Mass.</i>	Θ Δ X House

Junior Class

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Jones, Daniel Boynton	<i>Brockton, Mass.</i>	3 Northampton Road
Keese, Anthony Hoffman	<i>Syracuse, N. Y.</i>	Φ K Ψ House
Keith, Harold Chessman	<i>Brockton, Mass.</i>	X Φ House
Kennedy, Robert Hayward	<i>Providence, R. I.</i>	Φ Δ Θ House
Keyes, Charles Hubbard	<i>Sterling, Mass.</i>	Δ T House
Kimball, Arthur Livingston	<i>Amherst, Mass.</i>	25 Woodside Ave.
Kimball, William Scribner	<i>Amherst, Mass.</i>	25 Woodside Ave.
Klahr, Robert Augustus	<i>Bloomville, Ohio</i>	9 Spring St.
Knox, Francis Stratton	<i>Conklin, N. Y.</i>	Physics Laboratory
Loomis, Ralph Lane	<i>Bedford, Mass.</i>	31 South College
McChesney, John	<i>Montclair, N. J.</i>	Δ T House
McMillan, Arthur Douglass	<i>Rockport, Mass.</i>	B Θ II House
Marsh, William Judson	<i>Corning, N. Y.</i>	Prospect House
Marshall, John Elbert	<i>Cincinnati, Ohio</i>	B Θ II House
Midwood, Henry Hazard	<i>West Barrington, R. I.</i>	69 S. Pleasant St.
Monroe, Samuel Frederic	<i>Cos Cob, Conn.</i>	71 S. Pleasant St.
Moulton, Guy Edwin	<i>Brookfield, Mass.</i>	Φ K Ψ House
Mulry, Edward John	<i>Methuen, Mass.</i>	12 Spring St.
Mumford, James Oliver	<i>Honesdale, Pa.</i>	X Φ House
Newell, Duncan Hale *	<i>Auburndale, Mass.</i>	Θ Δ X House
Niles, Charles Wilfred, Jr.*	<i>Calumet, Mich.</i>	A Δ Φ House
Paine, Arthur Preston	<i>Brooklyn, N. Y.</i>	Δ K E House
Palmer, George Francis	<i>Amherst, Mass.</i>	5 Pine St.
Pond, Walter Franklin	<i>Greenfield, Mass.</i>	Φ K Ψ House
Post, Martin Hayward, Jr.	<i>St. Louis, Mo.</i>	X Ψ Lodge
Power, Thomas Francis	<i>Worcester, Mass.</i>	Φ Γ Δ House
Powley, Ned	<i>Ransomville, N. Y.</i>	X Ψ Lodge
Rawson, George Edward	<i>Holliston, Mass.</i>	Φ Γ Δ House
Robinson, Earl Benjamin	<i>Chenango Forks, N. Y.</i>	Φ K Ψ House
Rogers, Dwight Harold*	<i>Westerly, R. I.</i>	Δ K E House
Rowley, Arthur Merriam	<i>Springfield, Mass.</i>	12 Spring St.
Searle, Charles Putnam	<i>Honesdale, Pa.</i>	X Φ House
Sleeper, James Taylor	<i>Wellesley, Mass.</i>	12 Woodside Ave.
Smith, Frederick Pitkin	<i>Golden, Colo.</i>	Φ Δ Θ House
Smith, Horatio Elwin	<i>Brattleboro, Vt.</i>	Θ Δ X House
Smith, Robert Metcalf	<i>Amherst, Mass.</i>	14 Maple St.
Sprenger, James Albert	<i>Cressona, Pa.</i>	Δ K E House
Stearns, Albert Maynard	<i>Boston, Mass.</i>	X Ψ Lodge

* Special Student

Stockbridge, Enos Smith	<i>Baltimore, Md.</i>	X Ψ Lodge
Sturgis, William Albert	<i>Natick, Mass.</i>	Δ K E House
Tracy, William Bowen Mitchell	<i>Philadelphia, Pa.</i>	Φ Δ Θ House
Warner, Frank Bradford	<i>Sunderland, Mass.</i>	Φ K Ψ House
Warriner, William Joseph	<i>Feeding Hills, Mass.</i>	15 Spring St.
Washburn, William Ives, Jr.	<i>New York, N. Y.</i>	A Δ Φ House
Welles, Paul	<i>Paris, France</i>	X Ψ Lodge
White, Heath Edgar	<i>Charlottetown, P. E. I.</i>	13 Spring St.
Wolff, Stanley Lewis	<i>Seabright, N. J.</i>	12 Spring St.
Woodbury, Robert Belville	<i>Pottsville, Pa.</i>	Δ K E House

Sophomore Class

Agard, Irving Howard	<i>Austin, Texas</i>	26 N. Prospect St.
Allaben, Max Fenimore	<i>Polo, Ill.</i>	Φ K Ψ House
Allen, Henry Butler	<i>Greenfield, Mass.</i>	18 South College
Aspinwall, Aspinwall Breck	<i>New York, N. Y.</i>	Φ Γ Δ House
Bakrow, James Griffiths	<i>Louisville, Ky.</i>	B Θ Π House
Ballantine, Joseph William	<i>Rahuri, India</i>	7 Woodside Ave.
Beecher, John	<i>Prescott, Mass.</i>	116 Pleasant St.
Bennett, Sidney R.	<i>Bainbridge, N. Y.</i>	Δ T House
Bigelow, Mason Huntington	<i>Utica, N. Y.</i>	A Δ Φ House
Blackmer, Albert Whitney	<i>Worcester, Mass.</i>	Φ Δ Θ House
Blades, Carlton Reed	<i>Campello, Mass.</i>	3 Northampton Road
Blanchard, Alden Hooper	<i>Quincy, Mass.</i>	Φ Γ Δ House
Bolt, Edward Jenkins	<i>St. Louis, Mo.</i>	Whitridge Hall
Bonney, Holbrook	<i>New York, N. Y.</i>	A Δ Φ House
Brink, Roscoe William	<i>Brooklyn, N. Y.</i>	20 Amity St.
Bristol, Arthur Edward	<i>Glen Ridge, N. J.</i>	Δ T House
Brown, Raymond Nelson	<i>Danvers, Mass.</i>	6 Northampton Road
Burby, Raymond Joseph	<i>Chicopee Falls, Mass.</i>	Pratt Cottage
Carter, Joseph Coleman	<i>Versailles, Ky.</i>	X Ψ Lodge
Cary, Walter	<i>Kyoto, Japan</i>	Φ K Ψ House
Casc, Cyrus Augustus	<i>Golden, Colo.</i>	Φ Δ Θ House
Caughey, Francis Morrow	<i>Bellevue, Pa.</i>	Δ K E House
Caughey, Joseph Hart	<i>Bellevue, Pa.</i>	Δ K E House
Chandler, Charles Porter	<i>Montpelier, Vt.</i>	Δ K E House
Chapin, Edward Eaton	<i>Brooklyn, N. Y.</i>	X Φ House
Chapin, Edward Luther	<i>Southbridge, Mass.</i>	Δ K E House
Clarke, Merrill Fowler	<i>Brooklyn, N. Y.</i>	A Δ Φ House
Cleveland, Edward Lynde	<i>Fredonia, N. Y.</i>	21 Northampton Road

Cleaveland, Sherrill Atwood	<i>Fredonia, N. Y.</i>	21 Northampton Road
Clinton, Leonard Roys	<i>Elmira, N. Y.</i>	Θ Δ X House
Clough, Harry Linwood	<i>Brockton, Mass.</i>	X Φ House
Cobb, Sumner Warren	<i>Easthampton, Mass.</i>	B Θ Π House
Colebrook, Maus Winegar	<i>Rochester, N. Y.</i>	Nash's Block
Conkling, Roscoe Seely	<i>New Windsor, N. Y.</i>	Δ K E House
Coyne, Daniel Joseph, Jr.	<i>Chicago, Ill.</i>	Δ T House
Crary, James Howell	<i>Brooklyn, N. Y.</i>	12 Spring St.
Cunningham, Kenneth Reese	<i>Pittsburg, Pa.</i>	Δ K E House
Curby, Kenneth Spargo	<i>St. Louis, Mo.</i>	Ψ T House
Danforth, Minot Harold	<i>Brockton, Mass.</i>	25 Main St.
Dayton, George Van Duzor	<i>Towanda, Pa.</i>	Nash's Block
Dennis, Edward Parker*	<i>Erie, Pa.</i>	A Δ Φ House
Deroin, Frank Amedée	<i>Chicopee, Mass.</i>	B Θ Π House
Dowd, George	<i>Madison, Conn.</i>	Δ T House
Dunlap, Sheldon David	<i>Batavia, N. Y.</i>	Δ T House
Dyer, Edward Lathrop	<i>Belchertown, Mass.</i>	21 Woodside Ave.
Earle, Ernest Lord	<i>Athol, Mass.</i>	Prospect House
Edmunds, Clarence Frank	<i>Fredonia, N. Y.</i>	Nash's Block
Eldred, Allen Dorset	<i>West Springfield, Mass.</i>	Φ Γ Δ House
Elsey, George Crawford	<i>Springfield, Mass.</i>	Ψ T House
Fairbank, Samuel Ballantine	<i>Satara, India</i>	B Θ Π House
Faunce, Norman Francis	<i>Roxbury, Mass.</i>	8 Woodside Ave.
Fisher, Richard Bradford	<i>Gloucester, Mass.</i>	Φ Δ Θ House
Fleming, James Patterson	<i>Ben Avon, Pa.</i>	Δ K E House
Foster, Elliot Orman	<i>Danvers, Mass.</i>	6 Northampton Road
Frank, Alfred Swift	<i>Dayton, Ohio</i>	B Θ Π House
Gardner, John Leon, Jr.	<i>New Britain, Conn.</i>	7 Woodside Ave.
Goddard, Harold Leroy	<i>Worcester, Mass.</i>	Φ K Ψ House
Goodnow, David Franklin	<i>New York, N. Y.</i>	Whitridge Hall
Goodrich, Hubert Baker	<i>Auburndale, Mass.</i>	B Θ Π House
Goodwin, Edward Nute	<i>Albany, N. Y.</i>	Δ T House
Graves, Merle Dixon	<i>Granville Center, Mass.</i>	Φ Γ Δ House
Graves, Walter Lucien	<i>Granville Center, Mass.</i>	Φ Γ Δ House
Hague, Cuthbert	<i>Worcester, Mass.</i>	Φ Δ Θ House
Hall, Gordon Robert	<i>Chicago, Ill.</i>	A Δ Φ House
Haller, William	<i>Buffalo, N. Y.</i>	Δ T House
Hamilton, Robert Hugh, Jr.	<i>Millers Falls, Mass.</i>	5 School St.

Sophomore Class

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Hartin, William Gooding	<i>Amherst, Mass.</i>	West Pelham
Hatch, Charles Usher	<i>West Newton, Mass.</i>	Θ Δ X House
Heisey, Thomas Clarence	<i>East Newark, Ohio</i>	15 Nash Court
Hickey, Thomas Richard	<i>Sunderland, Mass.</i>	31 N. Pleasant St.
Hill, Townsend Cordell	<i>Lowell, Mass.</i>	X Ψ Lodge
Hill, William Ely	<i>New York, N. Y.</i>	5 School St.
Hobbs, Harold Wade	<i>Jamaica, N. Y.</i>	5 School St.
Huffman, Rollie Cleveland	<i>Neligh, Neb.</i>	B Θ Π House
Hughes, Joseph Huey*	<i>Dallas, Texas</i>	Nash Court
Jamieson, Joseph Boardman, Jr.	<i>Newton, Mass.</i>	Θ Δ X House
Jones, Charles Clothier	<i>Philadelphia, Pa.</i>	Ψ T House
Jones, Hildeburn	<i>Circleville, Ohio</i>	A Δ Φ House
Jones, Wilbur Boardman	<i>St. Louis, Mo.</i>	1 Nash's Block
Keith, Clayton Edward	<i>Brockton, Mass.</i>	14 Maple Ave.
Kidder, Edward Wintrose	<i>Kansas City, Mo.</i>	Θ Δ X House
Kilbourn, William Warren	<i>Fulton, N. Y.</i>	8 Woodside Ave.
King, William Allen, Jr.	<i>Gloucester, Mass.</i>	Φ Δ Θ House
Kirby, Paul Lautz	<i>Laurel, Md.</i>	
Kirley, Grover Cleveland	<i>South Hadley Falls, Mass.</i>	
Knight, Roscoe Griggs	<i>Worcester, Mass.</i>	Δ K E House
Lane, Stoddard	<i>Mt. Vernon, N. Y.</i>	A Δ Φ House
Larkin, Edward Pierce	<i>Haydenville, Mass.</i>	7 Parsons St.
Laubham, Samuel Morton	<i>Haverhill, Mass.</i>	X Φ House
Leadbetter, Raymond DeForest	<i>Lestershire, N. Y.</i>	Δ K E House
Leary, George Francis	<i>Scitico, Conn.</i>	7 Woodside Ave.
Leonard, Edward DeWitt	<i>Brattleboro, Vt.</i>	Φ K Ψ House
Lewis, Dunbar Wood	<i>Elgin, Ill.</i>	4 N. Prospect St.
Lewis, Lester McLean	<i>Brooklyn, N. Y.</i>	Θ Δ X House
Lovelee, Albert Jesse	<i>Brooklyn, N. Y.</i>	14 North College
McKay, Donald Dana	<i>Montclair, N. J.</i>	Δ T House
McVaugh, Keith Fry	<i>Brooklyn, N. Y.</i>	A Δ Φ House
Main, Walter Raymond	<i>Westhaven, Conn.</i>	Φ K Ψ House
Marston, Clyde Bradley	<i>Brockton, Mass.</i>	8 Hunt's Block
Mayo-Smith, Richmond	<i>New York, N. Y.</i>	Whitridge Hall
Mecklem, Charles Gates	<i>East Orange, N. J.</i>	Φ K Ψ House
Melcher, James Bartlett	<i>Newton Centre, Mass.</i>	Φ K Ψ House
Mersereau, Jones Wilder	<i>New York, N. Y.</i>	10 Woodside Ave.
Michaels, Morris Gabriel	<i>Brooklyn, N. Y.</i>	7 Hunt's Block

* Special Student

Milligan, John Raymond	<i>Palmer, Mass.</i>	B Θ Π House
Mowry, David Raymond	<i>Leyden, Mass.</i>	Φ K Ψ House
Mullen, Edward Bartholomew	<i>Holyoke, Mass.</i>	X Φ House
Nash, Percival Dole	<i>Chicopee, Mass.</i>	A Δ Φ House
Nicolaus, Louis Joseph	<i>St. Louis, Mo.</i>	B Θ Π House
Parmelee, William Josiah	<i>Worthington, Mass.</i>	Φ Δ Θ House
Peace, Harry Bevins, Jr.	<i>Whitestone, L. I., N. Y.,</i>	8 N. Prospect St.
Pierce, Albert Francis, Jr.	<i>Brockton, Mass.</i>	5 School St.
Pierce, George Edwin	<i>Brattleboro, Vt.</i>	Θ Δ X House
Plough, George Hewitt	<i>New York, N. Y.</i>	Δ T House
Powell, Francis Foster	<i>New London, Conn.</i>	Ψ T House
Race, Francis Louis	<i>Greene, N. Y.</i>	8 N. Prospect St.
Rayner, Charles Babbidge	<i>Glen Ridge, N. J.</i>	A Δ Φ House
Read, Fayette Francis	<i>Holyoke, Mass.</i>	A Δ Φ House
Reilly, Fairfax Addison	<i>Mt. Vernon, N. Y.</i>	Prospect House
Rose, Arthur	<i>Oak Park, Ill.</i>	A Δ Φ House
Ruckmich, Christian Alban	<i>Brooklyn, N. Y.</i>	6 Kellogg Ave.
Seybold, Joseph Long	<i>Hamilton, O.</i>	B Θ Π House
Shute, Kenneth Bruce	<i>Gloucester, Mass.</i>	Φ Δ Θ House
Simpson, Hazen Fancher	<i>Saratoga Springs, N. Y.</i>	Δ K E House
Sleeper, William Allen	<i>Wellesley, Mass.</i>	Gymnasium
Smith, Burt Nichols	<i>Greene, N. Y.</i>	Δ T House
Smith, Harold Ladd	<i>Montclair, N. J.</i>	Δ T House
Smith, Harold Lyman	<i>Norwichtown, Conn.</i>	A Δ Φ House
Smith, Herbert Otty	<i>Holyoke, Mass.</i>	Chemical Laboratory
Spring, Henry Patrick	<i>Northampton, Mass.</i>	Nash's Block
Stockbridge, Henry, 3d	<i>Baltimore, Md.</i>	X Ψ Lodge
Sturgis, Frank Abbott	<i>Natick, Mass.</i>	Δ K E House
Sudbury, Edward Heron	<i>Mt. Vernon, N. Y.</i>	X Ψ Lodge
Titsworth, Judson, Jr.	<i>Milwaukee, Wis.</i>	X Ψ Lodge
Tritsch, Albert Otto	<i>New York, N. Y.</i>	8 N. Prospect St.
Tylee, Clinton White	<i>Worcester, Mass.</i>	Θ Δ X House
Underhill, Halton Eugene	<i>New London, Conn.</i>	Δ K E House
Van Auken, Arthur Hammond	<i>Syracuse, N. Y.</i>	7 Parsons St.
Veasey, Arthur Hale*	<i>Haverhill, Mass.</i>	X Φ House
Vollmer, William Auerbach	<i>Brooklyn, N. Y.</i>	5 School St.
Wiggins, Ralph William	<i>Warsaw, N. Y.</i>	Φ Δ Θ House
Wordsworth, Watson	<i>Holyoke, Mass.</i>	11 S. Prospect St.

Sophomore Class

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Wright, David Sanders	<i>Northampton, Mass.</i>	
Wright, William Henry	<i>Springfield, Mass.</i>	A Δ Φ House
Wyckoff, Herbert Ashton	<i>Brooklyn, N. Y.</i>	Ψ T House
Zinsmaster, Harry William	<i>Des Moines, Ia.</i>	X Ψ Lodge

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Freshman Class

Acer, Oscar Whedon	<i>Medina, N. Y.</i>	Ψ T House
Adler, Frederic Emanuel	<i>Milwaukee, Wis.</i>	
Amos, Lindsay Cline	<i>Utica, N. Y.</i>	A Δ Φ House
Atwood, Alfred Loranus	<i>Norwood, Mass.</i>	2 North College
Avery, Henry Lawrence	<i>Charlemont, Mass.</i>	10 South College
Baldwin, Edward	<i>New York, N. Y.</i>	13 North College
Bancroft, William Andrew	<i>Clinton, Mass.</i>	16 North College
Bardwell, Harold Edmund	<i>New Brighton, N. Y.</i>	13 Spring St.
Barnard, Walter Everett	<i>Worcester, Mass.</i>	8 Spring St.
Barney, Earle Alvah	<i>Greenfield, Mass.</i>	17 S. Prospect St.
Barnhart, Woodson	<i>St. Louis, Mo.</i>	2 South College
Barton, Charles William	<i>Oak Park, Ill.</i>	21 South College
Barton, Hubert Crampton	<i>Chicago, Ill.</i>	19 Main St.
Beaman, Ralph Heckman	<i>Princeton, Mass.</i>	19 South College
Bedford, Edward Thomas, 2d	<i>Brooklyn, N. Y.</i>	5 Parsons St.
Benedict, Thomas Allen	<i>Fulton, N. Y.</i>	26 North College
Bennett, Philip Torrey	<i>Jackson, Mich.</i>	6 South College
Best, Robert Edward	<i>Jeannette, Pa.</i>	1 Woodside Ave.
Bigney, Harold Osborne	<i>Attleboro, Mass.</i>	16 Lincoln Ave.
Birdseye, Clarence	<i>New York, N. Y.</i>	23 North College
Bisbee, Joseph Bartlett, Jr.	<i>Poughkeepsie, N. Y.</i>	3 Northampton Road
Blatchford, John	<i>Oak Park, Ill.</i>	21 South College
Bowen, Edward Collyer	<i>Pawtucket, R. I.</i>	12 Lincoln Ave.
Boyden, Robert Wetherbee	<i>Newtonville, Mass.</i>	19 Main St.
Boynton, Arthur Boardman	<i>Nyack, N. Y.</i>	B North College
Boynton, Morrison Russell	<i>Brooklyn, N. Y.</i>	14 South College
Bullard, Rockwood	<i>Medford, Mass.</i>	14 South College
Burnett, George Brinton	<i>Amherst, Mass.</i>	2 Sunset Ave.
Bush, Asahel, Jr.	<i>Salem, Ore.</i>	Ψ T House
Butts, Frederic Marsena	<i>Newton Centre, Mass.</i>	Φ Δ Θ House
Calkins, Wright Horace, Jr.	<i>Jackson, Mich.</i>	Δ T House
Campbell, Courtney*	<i>Washington, D. C.</i>	Θ Δ X House

* Special Student

Carter, Harold Sims	<i>Brooklyn, N. Y.</i>	22 North College
Chung, Chin Tung	<i>Brooklyn, N. Y.</i>	Snell St.
Clark, DeWitt Atkins	<i>Montpelier, Vt.</i>	Δ T House
Clark, William Evans	<i>New York, N. Y.</i>	A Δ Φ House
Collins, Earl King	<i>Homer, N. Y.</i>	1 College Ave.
Cornell, Joseph Delmonte	<i>East Orange, N. J.</i>	28 South College
Corsa, Howard Pinckney	<i>Amherst, Mass.</i>	12 Lincoln Ave.
Crapo, William Mitchell	<i>Burlington, Ia.</i>	6 North College
Curran, George Lally	<i>North Adams, Mass.</i>	10 South College
Davis, Josiah Stuart	<i>Des Moines, Ia.</i>	X Ψ Lodge
De Groot, Mitchell Benjamin	<i>Troy, N. Y.</i>	27 North College
Dickinson, Ezra Pope	<i>Ligonier, Pa.</i>	6 Hunt's Block
Draper, Walter Dillaway	<i>Brooklyn, N. Y.</i>	9 North College
Drewsen, Pierre	<i>Brooklyn, N. Y.</i>	21 North College
Eaglesfield, Robert Davy	<i>Indianapolis, Ind.</i>	Whitridge Hall
Emrie, Daniel Edwin	<i>Springfield, Ohio</i>	23 South College
Fancher, Paul Adeed	<i>Glen Cove, N. Y.</i>	14 North College
Farrier, Edward	<i>Brooklyn, N. Y.</i>	19 North College
Fenton, Ira Ellsworth	<i>South Hadley Falls, Mass.</i>	
Field, Randall Marcy	<i>Rockville Centre, N. Y.</i>	21 North College
Fink, John Scott	<i>Irwin, Pa.</i>	8 South College
Finlay, Andrew LuGar	<i>St. Louis, Mo.</i>	2 South College
Fleck, Harry Deegan	<i>New York, N. Y.</i>	20 North College
Francis, Clarence	<i>Port Richmond, N. Y.</i>	13 Spring St.
Gardner, Raymond Foster	<i>Chester, N. J.</i>	32 North College
Gildersleeve, Donald Maurice	<i>Brooklyn, N. Y.</i>	26 North College
Gilfillan, Archer Butler	<i>Washington, D. C.</i>	15 North College
Goddard, William Otis	<i>Abington, Mass.</i>	1 College Ave.
Goodnow, Weston Whitney	<i>New York, N. Y.</i>	12 North College
Gregory, Edward Simonds	<i>Gardner, Mass.</i>	30 South College
Hall, Bartow Harwood	<i>Colorado Springs, Colo.</i>	27 South College
Hall, Henry Bass	<i>Newton Centre, Mass.</i>	27 South College
Hamlin, Talbot Faulkner	<i>New York, N. Y.</i>	30 North College
Hardy, Robert Allis	<i>Amherst, Mass.</i>	15 Lincoln Ave.
Harris, Benjamin Lawrence	<i>Olean, N. Y.</i>	12 South College
Harris, Elijah Preble	<i>Chicago, Ill.</i>	17 South College
Harris, Herbert Bennett	<i>Everett, Mass.</i>	30 South College
Hay, Ernest Crawford	<i>Pittsfield, Mass.</i>	11 North College
Heath, Louis Jay	<i>Cortland, N. Y.</i>	31 North College

Helmholz, Vogel Herbert	<i>Milwaukee, Wis.</i>	X Ψ Lodge
Henry, John Park	<i>Amherst, Mass.</i>	45 Pleasant St.
Holden, Harry Dewey	<i>Mamaroneck, N. Y.</i>	5 Parsons St.
Holden, Richard Orlando	<i>Batavia, N. Y.</i>	32 North College
Hole, Frederick Louis	<i>Salem, Ohio</i>	8 N. Prospect St.
Hood, Robert Huntley	<i>Corning, N. Y.</i>	11 North College
Houghton, Albert Beebe	<i>Council Bluffs, Ia.</i>	Θ Δ X House
Hubbard, Alvin Loomis	<i>Windsor, Conn.</i>	55 S. Pleasant St.
Hudnut, David Irving	<i>Brookline, Mass.</i>	29 North College
Hudson, Charles John	<i>Clinton Mass.</i>	16 North College
Hunter, James Blaine	<i>Washington, D. C.</i>	10 North College
Jacobus, Graham Bentley	<i>Great Neck, L. I., N. Y.</i>	28 North College
Jewett, Charles Harvey	<i>Canandaigua, N. Y.</i>	26 South College
Johnson, Roger Arthur	<i>Amherst, Mass.</i>	7 Spring St.
Johnston, Stewart Shurtleff	<i>Oak Park, Ill.</i>	13 South College
Jube, Albert Rividan	<i>New York, N. Y.</i>	20 North College
Kalligan, Thomas Dwyer		
Joseph	<i>Oneonta, N. Y.</i>	8 Spring St.
Keating, Arthur George	<i>Los Angeles, Cal.</i>	12 Main St.
Keator, Alfred Decker	<i>Accord, N. Y.</i>	1 College Ave.
Keim, John Howard	<i>New York, N. Y.</i>	27 North College
Keith, James Perkins	<i>Brockton, Mass.</i>	26 South College
Kellogg, William Raymond	<i>Katonah, N. Y.</i>	7 South College
Kendrick, Raymond Holmes	<i>Springfield, Mass.</i>	22 South College
Kennedy, Ollo Alson	<i>Hardwick, Mass.</i>	35 Prospect St.
Keyser, Frederick Gardiner	<i>Northampton, Mass.</i>	
Kimbrough, Edwin Price	<i>Greensboro, Ala.</i>	Ψ T House
Knight, Frederick Sylvester,	<i>New York, N. Y.</i>	8 N. Prospect St.
Kooyumjian, Levon Hampart-		
zum	<i>New Britain, Conn.</i>	31 N. Prospect St.
Ladd, William Sargent	<i>Portland, Ore.</i>	A Δ Φ House
Lawton, Ernest James	<i>Athol, Mass.</i>	8 Woodside Ave.
Lewis, Birdseye Blakeman	<i>New York, N. Y.</i>	1 Nash's Block
Livingstone, Harold Dickens	<i>Westerly, R. I.</i>	17 South College
Lorbacher, Rudolf Franz	<i>Brooklyn, N. Y.</i>	9 South College
McAdam, Samuel Edward	<i>Lebanon, Pa.</i>	25 South College
MacCammon, J. Marshall	<i>New York, N. Y.</i>	B Θ II House
McClure, Lawrence Ledwith	<i>Wayne, W. Va.</i>	17 North College
McCoy, Robert, Jr.*	<i>Pittsburg, Pa.</i>	27 N. Prospect St.

*Special Student

MacInnis, Murdock Norman	<i>Gloucester, Mass.</i>	17 North College
McKee, William Glenn	<i>Pittsburg, Pa.</i>	6 North College
McMartin, Daniel Cole	<i>Des Moines, Ia.</i>	4 South College
Marsh, William Rolfe	<i>Pipestone, Minn.</i>	8 N. Prospect St.
Mellen, Harrison Walker	<i>Newton Highlands, Mass.</i>	Ψ T House
Merchant, Mylon Dickinson	<i>Boston, Mass.</i>	5 School St.
Millar, Clifford Warner	<i>Athol, Mass.</i>	19 South College
Miller, John Townsend	<i>E. Orange, N. J.</i>	5 South College
Milloy, Adolphus Merigold	<i>Erie, Pa.</i>	2 North College
Mitchell, Abraham, Jr.	<i>Riverside, Ill.</i>	8 North College
Morrison, Stuart Ten Broeck	<i>Red Hook, N. Y.</i>	3 Northampton Road
Murray, Robert Cornelius	<i>Herkimer, N. Y.</i>	19 Main St.
Neeves, George Allen, Jr.	<i>Oak Park, Ill.</i>	19 Main St.
Neeves, Leland Kendrick	<i>Oak Park, Ill.</i>	19 Main St.
Newport, Edwin Foster	<i>Amherst, Mass.</i>	41 Northampton Road
Nunnemacher, Harry Jacob	<i>Milwaukee, Wis.</i>	18 South College
Palmer, William Mitchell, Jr.	<i>Jackson, Mich.</i>	6 South College
Parks, Ward Jackson, Jr.	<i>Newton Centre, Mass.</i>	C North College
Poor, Edward Eri, Jr.	<i>Passaic, N. J.</i>	28 South College
Porter, John, Jr.	<i>Montclair, N. J.</i>	4 North College
Pratt, Henry Alfred*	<i>Brooklyn, N. Y.</i>	28 South College
Pratt, Sterling Woodford	<i>Towanda, Pa.</i>	1 South College
Pratt, Theodore	<i>Brooklyn, N. Y.</i>	A Δ Φ House
Rice, Ralph Waldo	<i>Chicago, Ill.</i>	5 North College
Robb, John Stephen	<i>Gouverneur, N. Y.</i>	29 N. Pleasant St.
Roberts, David Kellogg	<i>Warsaw, N. Y.</i>	23 South College
Robinson, Edward Allen	<i>Gloucester, Mass.</i>	17 North College
Rugg, Frank Dickinson	<i>Greenfield, Mass.</i>	17 S. Prospect St.
Sampson, Benedict Hubbard	<i>St. Louis, Mo.</i>	15 South College
Schellenberg, Bertram Charles	<i>Brooklyn, N. Y.</i>	23 North College
Schultz, William Lawrence*	<i>Syracuse, N. Y.</i>	16 Nash Block
Seligman, Eustace Joseph	<i>New York, N. Y.</i>	12 Spring St.
Shoop, Max Pardoe	<i>Rochester, N. Y.</i>	19 Main St.
Sichel, Hirsch Herbert	<i>Portland, Ore.</i>	9 North College
Smith, Donald Parsons	<i>Toledo, Ohio</i>	16 South College
Smith, Justin Burritt	<i>Knoxville, Tenn.</i>	20 Woodside Ave.
Smith, Raymond Fiske	<i>Bayonne, N. J.</i>	A Δ Φ House
Stedman, Ernest Webster	<i>Brockton, Mass.</i>	3 Northampton Road

Stonesifer, William Robert	<i>Steelton, Pa.</i>	3 North College
Sullivan, Francis Owen	<i>Cortland, N. Y.</i>	31 North College
Sumpf, Charles Russell	<i>Naugatuck, Conn.</i>	16 S. Pleasant St.
Swalley, John Frederick*	<i>Toledo, Ohio</i>	28 North College
Taggart, Bert King	<i>Millers Falls, Mass.</i>	8 N. Prospect St.
Tanaka, Heiichi*	<i>Tokyo, Japan</i>	6 Kellogg Ave.
Taylor, Clinton Lewis	<i>Wyalusing, Pa.</i>	29 North College
Taylor, George Bingham	<i>Westboro, Mass.</i>	2 S. Pleasant St.
Taylor, John Case*	<i>Marinette, Wis.</i>	1 North College
Tucker, Kenneth Todd	<i>New York, N. Y.</i>	12 North College
Turner, Charles Wesley, Jr.	<i>New York, N. Y.</i>	12 Main St.
Van Auken, Jared Howell	<i>Oneonta, N. Y.</i>	A North College
Van Cleaf, John Conover, Jr.	<i>Brooklyn, N. Y.</i>	21 North College
Wade, David	<i>Amherst, Mass.</i>	14 Maple Ave.
Warner, Harold Lawson	<i>Brooklyn, N. Y.</i>	15 Gaylord St.
Warner, John Birchard	<i>Brooklyn, N. Y.</i>	15 Gaylord St.
West, William Taylor, Jr.	<i>Roselle, N. J.</i>	A Δ Φ House
Wetmore, Lansing Southworth	<i>Rochester, N. Y.</i>	8 N. Prospect St.
Wheeler, Raymond Parks	<i>Hartford, Conn.</i>	13 South College
Whicher, George Frisbie	<i>New York, N. Y.</i>	12 Lincoln Ave.
Whiting, Charles Theodore*	<i>Greenfield, Mass.</i>	17 South College
Wight, John Claflin	<i>Brooklyn, N. Y.</i>	C South College
Williams, Frederic Edwards	<i>Belleville, N. Y.</i>	31 Northampton Road
Wiltsie, Raymond Hastings*	<i>Cortland, N. Y.</i>	8 North College
Witherbee, Barrett Hanson	<i>Brooklyn, N. Y.</i>	B Θ Π House
Wolfe, Claude Anthony	<i>Philadelphia, Pa.</i>	12 Main St.
Wood, Ralph Sampson	<i>South Haven, Mich.</i>	11 South College
Woodward, Harold Edward	<i>Worcester, Mass.</i>	16 North College
Wortman, Elbert Brinckerhoff		
Monroe	<i>East Orange, N. J.</i>	16 S. Pleasant St.
Young, Milton Baird	<i>Pittsburg, Pa.</i>	8 South College
Zabriskie, Edgar Balch	<i>Omaha, Neb.</i>	25 North College

Summary

FELLOWS AND GRADUATES	.	.	.	.	.	.	.	.	.	6
SENIORS	.	.	.	.	.	.	.	.	.	66
JUNIORS	.	.	.	.	.	.	.	.	.	80
SOPHOMORES	.	.	.	.	.	.	.	.	.	146
FRESHMEN	.	.	.	.	.	.	.	.	.	177
TOTAL	.	.	.	.	.	.	.	.	.	475

CLASSIFICATION BY RESIDENCE

THE UNITED STATES				Kentucky				2
Massachusetts . . .	170	Minnesota				2		
New York	137	California				2		
Pennsylvania . . .	27	Nebraska				2		
Connecticut . . .	17	Texas				2		
Illinois	16	Washington				1		
Missouri	15	Alabama				1		
New Jersey . . .	15	Indiana				1		
Ohio	10	West Virginia . . .				1		
Vermont	8	Tennessee				1		
Rhode Island . . .	7							
Michigan	6					467		
Iowa	5	OTHER COUNTRIES						
Wisconsin	5	Japan				4		
District of Columbia .	4	India				2		
Maryland	4	Canada				1		
Colorado	3	France				1		
Oregon	3					475		

Award of Fellowships

1905-1906

HITCHCOCK PHYSICAL EDUCATION FELLOWSHIP

Percy Robert Carpenter

ROSWELL DWIGHT HITCHCOCK MEMORIAL FELLOWSHIP

Mason Whiting Tyler, B.A. (1906)

SOUTH END HOUSE FELLOWSHIP

Frederick Sewall Bale, B.A. (1906)

Award of Honors

1905-1906

COMMENCEMENT SPEAKERS

Fayette Winchester Denio

Walter Francis Downey

William Trowbridge Merrifield Forbes

Edgar Wilson Glasgow

Clifton Rumery Hall

Ellison Story Hildreth

PHI BETA KAPPA

FIRST DRAWING (Class of 1906)

Edgar White Burrill	Clifton Rumery Hall
Fayette Winchester Denio	Ellison Story Hildreth
Walter Francis Downey	Robert Nicholas Mattingly
Ernest Gallaudet Draper	Shirley Gale Patterson
Wm. Trowbridge Merrifield Forbes	Sumner Goldthwait Rand
Edgar Wilson Glasgow	Royal Cornelius van Etten

SECOND DRAWING (Class of 1906)

Roy Lees Atwood	Burton William Lidell
Frederick Rouse Behrends	Howard Augustine Newton
Kingman Brewster	Walter John Norris
Augustus Ignatius Dillon	George William Porter
Richard Grenville Ely	Morton Ives Snyder
Leonard Dudley Field	Alan Marshall Storke
Arthur Harold Gilmore	Mason Whiting Tyler
Afton Smith Hayward	William Earl Dodge Ward

FIRST DRAWING (Class of 1907)

Hugh Hartshorne	Clayton Pingree Stevens
Henry Hall King	Henry Lewis Sweet
John Shimer Oberly	Warren Lincoln Swett
Herbert Hall Palmer	John Dayton Willard
Albert Edward Rand	

Final Honors

ENGLISH

Edgar White Burrill	James Shelley Hamilton
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GERMAN

Leonard Dudley Field	Howard Augustine Newton
Edgar Wilson Glasgow	Shirley Gale Patterson
Ellison Story Hildreth	

HISTORY

Richard Grenville Ely
Edgar Wilson Glasgow

Mason Whiting Tyler

LATIN

Ellison Story Hildreth
Burton William Lidell

Howard Augustine Newton
Sumner Goldthwait Rand

MODERN GOVERNMENT

George William Porter

Mason Whiting Tyler

MUSIC

George Harris, Jr.

PHILOSOPHY

Frederick Sewall Bale
Frederick Rouse Behrends
Kingman Brewster
Fayette Winchester Denio
Arthur Harold Gilmore

Clifton Rumery Hall
Frank Everett Holt
Royal Cornelius van Etten
Ralph Waldo Wheeler

Award of Prizes

1905-1906

HUTCHINS GREEK PRIZE — Class of 1907

Clayton Pingree Stevens

BERTRAM LATIN PRIZES — Class of 1906

First Prize: Burton William Lidell

Second Prize: Howard Augustine Newton

Third Prize: Sumner Goldthwait Rand

BILLINGS LATIN PRIZES — Class of 1906

First Prize: Ellison Story Hildreth

Second Prize: Sumner Goldthwait Rand

LAW LATIN PRIZE — Class of 1906

First Prize: Ellison Story Hildreth

Second Prize: Howard Augustine Newton

THOMPSON LATIN PRIZES — Class of 1907

First Prize: Clayton Pingree Stevens

Second Prize: Theodore Burton Averill

Third Prize: John Simpson Crowe

SECOND YEAR LATIN PRIZES — Class of 1908

First Prize: George Edward Rawson

Second Prize: Robert Hussey Flynt

FIRST YEAR LATIN PRIZES — Class of 1909

First Prize: Arthur Gilchrist Brodeur

Second Prize: Clinton White Tylee

KELLOGG PRIZES

William Haller, Class of 1908

Frank Abbott Sturgis, Class of 1909

HARDY PRIZES — Class of 1906

First Prize: Ernest Gallaudet Draper*Second Prize:* Kingman Brewster

HYDE PRIZE — Class of 1906

Kingman Brewster

BOND PRIZE — Class of 1906

Edgar Wilson Glasgow

UTTER PRIZES — Class of 1906

First Prize: Richard Grenville Ely*Second Prize:* William Earl Dodge Ward

KENT PRIZE — Class of 1906

Not awarded

WALKER PRIZES

*Second Year Mathematics**First Prize:* William Scribner Kimball, Class of 1908*Second Prize:* Allan White Forbes, Class of 1908*First Year Mathematics**First Prize:* Joseph Long Seybold, Class of 1909*Second Prize:* Allen Dorset Eldred, Class of 1909

PORTER PRIZE — Class of 1906

William Trowbridge Merrifield Forbes

SAWYER MEDAL — Class of 1908

Gold Medal: Robert Hayward Kennedy

A. LYMAN WILLISTON PRIZES — Class of 1909

First Prize : Charles Babbidge Rayner

Second Prize : Charles Gates Mecklem

LELAND PRIZE

The Sophomore Class (Class of 1908)

WOODS PRIZE — Class of 1906

Edgar White Burrill

LADD ORATION PRIZES — Class of 1906

Daniel Beecher

Herbert Hall Palmer

James Carl Connell

Albert Edward Rand

Robert Black Cumming

John Mather Waller

Owen Alvin Locke

Robert Malcolm Whitelaw

Malcom Vartan Malconian

Claude Thomas Wilson

ARMSTRONG PRIZES — Class of 1909

First Prize : Merrill Fowler Clarke

Second Prize : Philip King

Third Prize : Fairfax Addison Reilly

PORTER ADMISSION PRIZE — Class of 1910

Joseph Bartlett Bisbee, Jr.

(*Prepared at the Riverview Academy, Poughkeepsie, N. Y.*)

Honorable Mention

BIBLICAL LITERATURE

1906 Arthur Harold Gilmore

BIOLOGY

1906 Harvey Burnett Clough
Frank Everett Holt

1907 John Dayton Willard

CHEMISTRY

1907 John Shimer Oberly
John Dayton Willard

1908 Cecil King Blanchard

ECONOMICS

1907 John Shimer Oberly

ENGLISH

1906 Edgar White Burrill
Edward Wilson Glasgow
Ralph Waldo Wheeler

1907 Henry Hall King
Herbert Hall Palmer

1907 Chilton Latham Powell
1908 William Haller
Clarence Everett Hardy
Earl Benjamin Robinson
1909 Merrill Fowler Clarke

FRENCH

1906 Hugh Hartshorne
1908 Kenneth Morrison Gibson
William Haller

1908 William Judson Marsh
George Edward Rawson
1909 Morris Gabriel Michaels

GEOLOGY

1906 Wilbert Alexander Stevens

GERMAN

1906	Leonard Dudley Field	1907	Albert Edward Rand
	Sumner Goldthwait Rand	1908	William Judson Marsh
	Alan Marshall Storke	1909	David Franklin Goodnow
1907	Hugh Hartshorne		Morris Gabriel Michaels

GREEK

1906	Ellison Story Hildreth	1907	Clayton Pingree Stevens
	Sumner Goldthwait Rand	1908	William Haller
1907	Henry Hall King		George Edward Rawson

HISTORY

1906	Richard Grenville Ely	1907	Bruce Fairchild Barton
	Edward Wilson Glasgow		Henry Hall King
	Clifton Rumery Hall		Warren Lincoln Swett
	Gardner Lattimer	1908	Cecil King Blanchard
	Morton Ives Snyder		William Haller
	Mason Whiting Tyler		William Judson Marsh
	William Earl Dodge Ward		

ITALIAN

1906	Shirley Gale Patterson	1907	Albert Edward Rand
	Alan Marshall Storke		

LATIN

1906	Ellison Story Hildreth	1908	Stanley Lewis Wolff
	Burton William Lidell	1909	Merrill Fowler Clarke
	Howard Augustine Newton		Ernest Lord Earle
	Sumner Goldthwait Rand		Morris Gabriel Michaels
1908	Kenneth Morrison Gibson		George Hewitt Plough
	George Edward Rawson		Clifton White Tylee

MATHEMATICS

1908	Cecil King Blanchard	1909	George Hewitt Plough
	Clarence Everett Hardy		Harold Lyman Smith
1909	Ernest Lord Earle		Clifton White Tylee
	Allen Dorset Eldred		
	Morris Gabriel Michaels		

MODERN GOVERNMENT AND INTERNATIONAL LAW

1906	Lester Fayette Alden	1906	Arthur Harold Gilmore
	Fayette Winchester Denio		Burton William Lidell
	Walter Francis Downey		Mason Whiting Tyler
	Richard Grenville Ely		

MUSIC

1907	Hugh Hartshorne
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PHILOSOPHY

1906	Frederick Sewall Bale	1906	Ralph Waldo Wheeler
	Nathaniel Hopkins Blatchford		George Ernest Wood
	Kingman Brewster	1907	Bruce Fairchild Barton
	Edgar White Burrill		Roy Whiting Bell
	Fayette Winchester Denio		George Emerson Cary
	Ernest Gallaudet Draper		Hugh Hartshorne
	Arthur Harold Gilmore		George Cooper Hood
	Clifton Rumery Hall		Henry Hall King
	Frank Everett Holt		John Shimer Oberly
	Gardner Lattimer		Chilton Latham Powell
	Wilbert Alexander Stevens		Henry Lewis Sweet

PHYSICS

1909	Samuel Ballantine Fairbank
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SPANISH

1906	Afton Smith Hayward	1908	Kenneth Morrison Gibson
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Degrees Conferred in 1906

Degrees in Course

Bachelor of Arts

Summa cum laude

Edgar Wilson Glasgow

Ellison Story Hildreth

Magna cum laude

Frederick Rouse Behrends

Edgar White Burrill

Fayette Winchester Denio

Walter Francis Downey

Ernest Gallaudet Draper

Richard Grenville Ely

William T. M. Forbes

Arthur Harold Gilmore

Clifton Rumery Hall

Burton William Lidell

Howard Augustine Newton

Shirley Gale Patterson

George William Porter

Sumner Goldthwait Rand

Morton Ives Snyder

Mason Whiting Tyler

Royal Cornelius van Etten

Cum laude

Lester Fayette Alden

Roy Lees Atwood

Frederick Sewall Bale

Nathaniel Hopkins Blatchford, Jr.

Kingman Brewster

Philip Ashley Bridgman

Norman Franklyn Butler

Harvey Burnett Clough

Harry Colvin Crawford

Everett Merrill Delabarre

Augustus Ignatius Dillon

Everett Francis Dodge

Warren Fales Draper

Norman Percy Foster

Ernest Henry Gaunt

Maurice Joseph Kane

Robert Cole Knapp

George Sharpe Krom

Gardner Lattimer

Edson Alexander McRae

Benjamin Howard Matteson

Albert Henry Mellen

Walter John Norris

George Edward Norton

Reuben Jeffrey Peacock

George Henry Richenaker

Devore Nevius Simonson

Carl Atsatt Sparrow

Clarence Adams Spear

Howard Leslie Stebbins

Harry Greenwood Grover
 Arthur Waldron Hale
 James Shelley Hamilton
 George Harris, Jr.
 Clinton Harold Hartzell
 Carl Edwin Hollender
 Charles Worcester Hooker
 Gordon Milne Howe
 Howard Willcut Howes

Wilbert Alexander Stevens
 Alan Marshall Storke
 Mark Hopkins Ward
 William Earl Dodge Ward
 William Harvey Webster
 Ralph Waldo Wheeler
 Newton Cordis Wing
 George Arthur Wood
 George Ernest Wood

Rite

William Rufus Davenport
 William Hale, Jr.
 Rollin West Hitt
 Robert Carlisle Powell
 James Walker Roberts

Elisha Gage Scudder, Jr.
 Henry Edwin Utter
 Elijah Roberts Williams
 James Newbegin Worcester

Bachelor of Science

Cum laude

Ralph Howard Boyden
 George Bradley Carter
 Philip Remington Cook
 Francis Delbert Crook

Leonard Dudley Field
 Afton Smith Hayward
 Frank Everett Holt
 Charles Edward Pethybridge

Rite

Clifford Monroe Bishop
 Edward Kendall Browne
 John Starr DeForest
 Walter Palmer Hubbard

Clifford Benson Lewis
 Lacy Marion Love
 Reginald Martin Pugsley
 Frederick Gilles Thayer

Bachelor of Arts (*Out of Course*)

George Monn Tracy Johnson, as of the Class of 1865
 Allen Towner Treadway, as of the Class of 1886

Master of Arts

Frederick Hills Hitchcock, B.A. (1891)
 Sherman Willard Haven, B.A. (1895)
 John Corsa, B.A. (1899)
 Robert James Bottomly, B.A. (1905)

Honorary Degrees

Master of Arts

MORTIMER LEO SCHIFF

Doctor of Science

JAMES FURMAN KEMP

Doctor of Divinity

WILLIAM HORACE DAY

ROBERT McEWEN WOODS

Doctor of Laws

FREDERICK HUNTINGTON GILLETT

WALTER FRANCIS WILLCOX

Admission

ALL candidates for admission to College must present satisfactory testimonials of good moral character.

Entrance requirements correspond to courses leading to the degrees of Bachelor of Arts and Bachelor of Science, and to the Special Course that does not lead to a degree. The requirements are indicated below in groups of studies preparatory to the several courses.

REQUIREMENTS FOR BACHELOR OF ARTS COURSE

Candidates for admission to the Freshman Class in the course leading to the degree of Bachelor of Arts must present satisfactory qualifications in one of the following groups of subjects according to the specifications given under each subject.

GROUP I

Latin I, II
Greek I, II
Mathematics I
English A and B
History I

GROUP 2

{ Latin I, II and Greek I
or
{ Greek I, II and Latin I
Mathematics I
English A and B
History I

In addition, there shall be one subject from the following list: —

French I
 German I
 History II
 Physics
 Chemistry
 Mathematics II
 Harmony

GROUP 3

{ Latin I, II
 or
 { Greek I, II
 Mathematics I
 English A and B
 History I

In addition there shall be, from the following list, three subjects, one of which shall be a modern language and one an advanced subject.

Elementary

French I
 German I
 History II
 Physics
 Chemistry
 Harmony

Advanced

French II
 German II
 Mathematics II

A subject, not included in the above list, that has been pursued so far as to be equivalent to a year of that subject in College, may be presented as an advanced subject.

REQUIREMENTS FOR BACHELOR OF SCIENCE COURSE

Candidates for admission to the Freshman Class in the course leading to the degree of Bachelor of Science must present satis-

factory qualifications in the following subjects according to the specifications given under each subject.

English A and B
History I and II
Mathematics I
Chemistry or Physics
Latin I
French I or German I

In addition four points shall be made from the following lists: — (French I, German I, French II, German II, Chemistry, Physics, Harmony), 2 points each; (Solid Geometry, Trigonometry and Logarithms, Advanced Algebra, Anatomy, Botany, Physiography), 1 point each.

Certificates are not taken in Advanced Algebra, Trigonometry, and Logarithms, on which examinations are required.

A student who presents Latin I, II, at entrance may become a candidate for the degree of Bachelor of Arts by electing Latin for one college year.

A subject, not included in the above list, that has been pursued so far as to be equivalent to a year of that subject in College, may be presented as an advanced subject.

REQUIREMENTS FOR SPECIAL COURSE

For admission to a special course not leading to a degree, every candidate must present: —

English A and B
History II
Mathematics I
Chemistry or Physics

In addition there shall be two elementary and one advanced subjects from the following lists: —

Elementary

French

German

History I

Chemistry

Physics

Harmony

Advanced

French

German

Mathematics

A subject, not included in the above list, that has been pursued so far as to be equivalent to a year of that subject in College, may be presented as an advanced subject.

LATIN

I. ELEMENTARY LATIN

The examination will be adapted to the proficiency of those who have studied Latin in a systematic course of five exercises a week extending through three school years. In preparation for the elementary examinations, the candidate should read and review at least Cæsar's *Gallic War*, books I–IV, or an equivalent; Cicero's *Orations against Catiline* and *for Archias*; and should gain ability to read Latin at sight. Careful attention should be given from the beginning to the correct pronunciation of Latin words according to the Roman method. The examination will include: —

(a) Translation of passages of Latin prose at sight.

(b) A thorough examination on Cicero's *Orations against Catiline*, II, III, IV, directed to testing the candidate's mastery of the ordinary forms, constructions, and idioms of the language.

II. ADVANCED LATIN

In addition to the preparation mentioned above for the elementary Latin, the candidate should read and review Vergil's *Æneid*, books I–VI at least, or an equivalent; and have adequate training in reading Latin poetry in the original, in translating Latin poetry at sight, and in Latin prose composition. The examinations will include: —

(a) Translation of passages of Latin verse at sight.

(b) A thorough examination on Vergil's *Aeneid*, books I and II, directed to testing the candidate's mastery of the ordinary forms, constructions, idioms, and prosody.

(c) Translation into Latin prose of a passage of connected English narrative, based on some portion of the Latin prose works usually read in preparation for college, and limited to the subject-matter of those works.

Candidates for the degree of B.S. will take Latin I.

Candidates for the degree of B.A. will take both Latin I and II.

GREEK

I. ELEMENTARY GREEK

The examination will be adapted to the proficiency of those who have studied Greek in a systematic course of five exercises a week, extending through at least two school years. In preparation for the elementary examination, the candidate should read the first three books of Xenophon's *Anabasis* or an equivalent, and be carefully drilled in the principles of syntax and inflections of Attic prose. The examination will include: —

(a) Translation into Greek of short sentences illustrating common principles of syntax.

(b) A thorough examination on the first two books of Xenophon's *Anabasis*.

(c) Translation of passages of Attic prose at sight.

II. ADVANCED GREEK

The examination will be adapted to the proficiency of those who have studied Greek in a systematic course of five exercises a week extending through at least three school years. In addition to preparation for the elementary examination, the candidate should read the fourth book of Xenophon's *Anabasis*, and three books of Homer's *Iliad*; and should be trained to render into Greek passages of English narrative involving all ordinary constructions. The examination will include: —

(a) Translation into Greek of a passage of connected English narrative based on the second book of Xenophon's *Anabasis*.

- (b) A thorough examination on the first book of Homer's *Iliad*.
(c) Translation of passages of Homer at sight, with questions on the forms, constructions, and idioms of the passages.

MATHEMATICS

I. ELEMENTARY MATHEMATICS

- (a) Algebra through quadratic equations.
(b) Plane geometry, including problems in mensuration, and original propositions.

The requirement in algebra includes the following subjects: factors, common divisors and multiples, fractions, ratios, and proportions; negative quantities and the interpretation of negative results; theory of exponents; radicals and equations involving radicals; the progressions; the binomial theorem for positive integral powers of the binomial, and the extraction of roots; the ordinary methods of elimination, and the solution of both numerical and literal equations of the first and second degrees with one or more unknown quantities, and of problems leading to such equations.

The student should be trained early in the fundamental principles of graphic algebra, and should be required to make frequent use of this method in the study of equations.

The requirement in geometry embraces the following topics: the general properties of plane rectilinear figures; proportion; incommensurable magnitudes and limits; the circle and the measure of angles; similar polygons; areas; regular polygons and the measure of the circle; problems in construction.

In each subject great importance is attached to accuracy and readiness, and to neatness in the arrangement of written work.

II. ADVANCED MATHEMATICS

- (a) Algebra, including choice, chance, theory of limits, the binomial theorem, logarithms, series, determinants, graphs, derivatives, and the theory of equations. Hall and Knight's *Algebra for Colleges and Schools*.
(b) Solid and spherical geometry. Wells's *Essentials*.
(c) Plane trigonometry. Wentworth.

ENGLISH

Preparation in English has two main objects: (1) command of correct and clear English, spoken and written; (2) power to read with intelligence and appreciation.

To secure the first end, training in grammar and the simpler principles of rhetoric, and the writing of frequent compositions, are essential. The candidate must be able to spell, capitalize, and punctuate correctly. He must show a practical knowledge of the essentials of English grammar, including ordinary grammatical terminology, inflections, syntax, the use of phrases and clauses; a thorough training in the construction of the sentence; and familiarity with the simpler principles of paragraph division and structure.

To secure the second end, the reading of a certain number of books is prescribed. The list is intended to give the candidate the opportunity of reading, under intelligent direction, a number of important pieces of literature. The prescribed books are divided into two groups as follows:—

A

The candidate should read the books prescribed below with a view to understanding and enjoying them. He will be expected to show a reasonable degree of familiarity with their substance. The form of examination will usually be the writing of a few paragraphs on each of several topics, to be chosen by the candidate from a considerable number — perhaps ten or fifteen — set before him in the examination paper.

For students entering in 1907 and 1908:—

Shakspeare's *Macbeth* and *The Merchant of Venice*; *The Sir Roger de Coverley Papers* in *The Spectator*; Scott's *Ivanhoe* and *The Lady of the Lake*; Irving's *Life of Goldsmith*; Coleridge's *The Ancient Mariner*; Tennyson's *Gareth and Lynette*, *Lancelot and Elaine*, and *The Passing of Arthur*; Lowell's *The Vision of Sir Launjal*; George Eliot's *Silas Marner*.

For students entering in 1909: — *

*The list for the class entering in 1909 is selected from the list adopted by the Conference on Uniform Entrance Requirements in English, at a meet-

Shakspere's *The Merchant of Venice* and *Julius Cæsar*; Bunyan's *The Pilgrim's Progress* (Part I); *The Sir Roger de Coverley Papers* in *The Spectator*; Scott's *The Lady of the Lake* and *Ivanhoe*; Irving's *Sketch Book*; Macaulay's *Lays of Ancient Rome*; Tennyson's *Gareth and Lynette*, *Lancelot and Elaine*, and *The Passing of Arthur*; George Eliot's *Silas Marner*.

B

The candidate should be able to answer specific questions on the contents of the books prescribed below. The examination is not designed, however, to require minute drill in difficulties of verbal expressions, unimportant allusions, or technical details.

For students entering in 1907 and 1908: —

Shakspere's *Julius Cæsar*; Milton's *Lycidas*, *Comus*, *L'Allegro* and *Il Penseroso*; Macaulay's *Essay on Addison*, and *Life of Johnson*.

For students entering in 1909: —

Shakspere's *Macbeth*; Milton's *Lycidas*, *Comus*, *L'Allegro*, and *Il Penseroso*; Macaulay's *Life of Johnson*, or Carlyle's *Essay on Burns*.

FRENCH

The admission requirements in elementary and advanced French are those recommended by the Modern Language Association of America. See page 70 for college courses which correspond to the work prescribed for preparation.

I. ELEMENTARY FRENCH

The first year's work should comprise: (1) careful drill in pronunciation; (2) the rudiments of grammar, including the inflection of the regular and the more common irregular verbs, the plural of nouns, the inflection of adjectives, participles, and pronouns; the use of personal pronouns, common adverbs, prepositions, and conjunctions; order of

ing held in Newark, New Jersey, February 22, 1905. Candidates may make other selections from that list, provided that on or before the first day of February preceding the examination they give notice of their intention to present these books.

words in the sentence, and elementary rules of syntax; (3) abundant easy exercises, designed not only to fix in memory the forms and principles of grammar, but also to cultivate readiness in reproducing natural forms of expression; (4) the reading of 100 to 175 duodecimo pages of graduated texts, with constant practice in translating into French easy variations of the sentences read (the teacher giving the English), and in reproducing from memory sentences previously read; (5) writing French from dictation.

The second year's work should comprise: (1) the reading of 250 to 400 pages of easy modern prose in the form of stories, plays, or historical or biographic sketches; (2) constant practice, as in the previous year, in translating into French easy variations upon the texts read; (3) frequent abstracts, sometimes oral and sometimes written, of portions of the text already read; (4) writing French from dictation; (5) continued drill upon the rudiments of grammar, with constant application in the construction of sentences; (6) mastery of the forms and use of pronouns, pronominal adjectives, of all but the rare irregular verb forms, and of the simpler uses of the conditional and subjunctive.

Suitable texts for the second year are: About, *Le roi des montagnes*; Bruno, *Le tour de la France*; Daudet's easier short tales; De la Bédollière, *La Mère Michel et son chat*; Erckmann-Chatrian's stories; Foa, *Contes biographiques* and *Le petit Robinson de Paris*; Foncin, *Le pays de France*; Labiche and Martin, *La poudre aux yeux* and *Le voyage de M. Perrichon*; Legouvé and Labiche, *La cigale chez les fourmis*; Malot, *Sans famille*, *Mariet*, *La tâche du petit Pierre*; Mérimée *Colomba*; extracts from Michelet; Sarcy, *Le siège de Paris*; Verne's stories.

II. ADVANCED FRENCH

This should comprise the reading of 400 to 600 pages of French of ordinary difficulty, a portion to be in the dramatic form; constant practice in giving French paraphrases, abstracts or reproductions from memory of selected portions of the matter read; the study of a grammar of moderate completeness; writing from dictation.

Suitable texts are: About's stories; Augier and Sandeau, *Le Gendre de M. Poirier*; Bérangier's poems; Corneille, *Le Cid* and *Horace*; Coppée's

poems; Daudet, *La belle Nivernaise*; La Brète, *Mon oncle et mon curé*; Madame de Sévigné's letters; Hugo, *Hernani* and *La chute*; Labiche's plays; Loit, *Pêcheur d'Islande*; Mignet's historical writings; Molière, *L'avare* and *Le bourgeois gentilhomme*; Racine, *Athalie*, *Andromaque*, and *Esther*; George Sand's plays and stories; Sandeau, *Mademoiselle de la Seiglière*; Scribes' plays; Thierry, *Récits des temps mérovingiens*; Thiers, *L'expédition de Bonaparte en Egypte*; Vigny, *La canne de jonc*; Voltaire's historical writings.

GERMAN

The admission requirements in elementary and advanced German are those recommended by the Modern Language Association of America.

I. ELEMENTARY GERMAN

The first year's work should comprise: (1) careful drill upon pronunciation; (2) memorizing and frequent repetition of easy colloquial sentences; (3) drill upon the rudiments of grammar, that is, upon the inflection of the articles, of such nouns as belong to the language of everyday life, of adjectives, pronouns, weak verbs, and the more usual strong verbs, also upon the use of the more common prepositions, the simpler uses of the modal auxiliaries, and the elementary rules of syntax and word order; (4) abundant easy exercises designed not only to fix in mind the forms and principles of grammar, but also to cultivate readiness in reproducing natural forms of expression; (5) the reading of 75 to 100 pages of graduated texts from a reader, with constant practice in translating into German easy variations upon sentences selected from the reading lesson (the teacher giving the English), and in reproducing from memory sentences previously read.

The second year's work should comprise: (1) the reading of 150 to 200 pages of literature in the form of easy stories and plays; (2) accompanying practice, as before, in translating into German easy variations upon the matter read, also in the off-hand reproduction, sometimes orally and sometimes in writing, of the substance of short and easy selected passages; (3) continued drill upon the rudiments of grammar, directed to the end of enabling the pupil, first, to use his knowledge with facility in forming sentences, and secondly, to state his knowledge correctly in the technical language of grammar.

Stories suitable for the elementary course can be selected from the following list: Andersen, *Märchen* and *Bilderbuch ohne Bilder*; Arnold, *Fritz auf Ferien*; Baumbach, *Die Nonna* and *Der Schwiegersohn*; Gerstäcker, *Germelshausen*; Heyse, *L'Arrabbiata*, *Das Mädchen von Treppi*, and *Anfang und Ende*; Hillern, *Höher als die Kirche*; Jensen, *Die braune Erica*; Leander, *Träumereien* and *Kleine Geschichten*; Seidel, *Märchen*; Stökl, *Unter dem Christbaum*; Storm, *Immensee* and *Geschichten aus der Tonne*; Zschokke, *Der zerbrochene Krug*.

The best shorter plays available are: Benedix, *Der Prozess*, *Der Weiberjeind*, and *Gunstige Vorzeichen*; Elz, *Er ist nicht eifersüchtig*; Wichert, *An der Majorsecke*; Wilhelmi, *Einer muss heiraten*. Only one of these plays need be read, and the narrative style should predominate. A good selection of reading matter for the second year would be Andersen, *Märchen*, or *Bilderbuch*, or Leander, *Träumereien*, to the extent of about forty pages. Afterward, such a story as *Das kalte Herz*, or *Der zerbrochene Krug*; then *Höher als die Kirche*, or *Immensee*; next a good story by Heyse, Baumbach, or Seidel; lastly *Der Prozess*.

II. ADVANCED GERMAN

The work should comprise, in addition to the elementary course, the reading of about 400 pages of moderately difficult prose and poetry, with constant practice in giving, sometimes orally and sometimes in writing, paraphrases, abstracts, or reproductions from memory of selected portions of the matter read; also grammatical drill upon the less usual strong verbs, the use of articles, cases, auxiliaries of all kinds, tenses and modes (with especial reference to the infinitive and subjunctive,) and likewise upon word order and word formation.

Suitable reading matter for the third year can be selected from such works as the following: Ebner-Eschenbach, *Die Freiherren von Gemperlein*; Freytag, *Die Journalisten* and *Bilder aus der deutschen Vergangenheit*, for example, *Karl der Grosse*, *Aus den Kreuzzügen*, *Doktor Luther*, *Aus dem Staat Friedrichs des Grossen*; Fouqué, *Undine*; Gerstäcker, *Irrfahrten*; Goethe, *Hermann und Dorothea* and *Iphigenie*; Heine's poems and *Reisebilder*; Hoffman, *Historische Erzählungen*; Lessing, *Minna von Barnhelm*; Meyer, *Gustav Adolfs Page*; Moser,

Der Bibliothekar; Riehl, *Novellen*, for example, *Burg Neideck*, *Der Fluch der Schönheit*, *Der stumme Ratsherr*, *Das Spielmannskind*; Rosegger, *Waldheimat*; Schiller, *Der Neffe als Onkel*, *Der Geisterseher*, *Wilhelm Tell*, *Die Jungfrau von Orleans*, *Das Lied von der Glocke*, *Balladen*; Scheffel, *Der Trompeter von Säckingen*; Uhland's poems; Wildenbruch, *Das edle Blut*. A good selection would be: (1) one of Riehl's novelettes; (2) one of Freytag's "pictures"; (3) part of *Undine* or *Der Geisterseher*; (4) a short course of reading in lyrics and ballads; (5) a classical play by Schiller, Lessing, or Goethe.

HISTORY

(Including Historical Geography)

HISTORY I (ANCIENT)

(a) The history of Greece to the death of Alexander.

(b) The history of Rome to the Invasions.

Ancient History as defined by the College Entrance Examination Board, extending to 814 A.D., is accepted as an equivalent of (a) and (b).

HISTORY II (ENGLISH AND AMERICAN)

(a) The history of England.

(b) The history of the United States.

The examination in each of the two fields (History I and History II) presupposes a systematic course of study of at least one hundred exercises. Schools which do not offer so extensive a course in Ancient History may meet the requirement by combining with Ancient History Mediæval and Modern European History.

PHYSICS

A course extending through one year, involving both class exercises and laboratory work. The class work should include careful study of the whole subject as presented in such text-books as Avery's *School Physics*, Gage's *Elements of Physics*, and Crew's *Elements of Physics*. The candidate should perform not less than thirty-five experiments requiring careful measurements. When the candidate applies for admission, his note-book containing the original records of these experiments and his reports on the work should be presented, properly certified by the instructor.

CHEMISTRY

General laws and theories of chemistry, and the occurrence, preparation, and properties of the non-metallic elements and their compounds as stated in such text-books as Richter, Remsen, and Harris.

PHYSICAL GEOGRAPHY

Dryer's *Physical Geography* or Davis's *Elementary Physical Geography*, with laboratory work and excursions for observations of land features. Note book and laboratory records endorsed by the teacher must be submitted.

BOTANY

The candidate should complete a course of recitation and laboratory work of not less than five hours a week for one half of a school year. The class work should cover the structure and important physiological processes of flowering plants. The candidate should present a laboratory book properly certified by the instructor. No credit will be given for an herbarium. The following text-books are recommended: Bergen's *Foundations of Botany*, Coulter's *Plant Relations* and *Plant Structures*, Leavitt's *Outlines of Botany*, Stevens's *Introduction to Botany*.

HARMONY

The candidate should acquire: (1) the ability to harmonize in four vocal parts simple melodies of not fewer than eight measures, in soprano or in bass. The harmonization of such melodies requires a knowledge of triads and inversions, of diatonic seventh chords and their inversions, in major and minor modes, and of modulation, transient or complete, to nearly related keys; (2) a knowledge of analysis of ninth chords, of all non-harmonic tones, and of altered chords.

Systematic ear-training (as to interval, melody, and chord) is urgently recommended as part of the preparation for this examination. A full knowledge of the rudiments of music, scales, intervals, and staff notation is expected.

TIME, PLACES, AND ORDER OF EXAMINATIONS

The examinations for admission are open to all candidates who bring a statement from the Principal of the school at which they were prepared, that they are ready for examination in those subjects in which they desire to be examined.

The first examinations begin at 2 P.M. on Tuesday (18th June 1907), and close on Friday of the week preceding Commencement. The result of these examinations is sent to the candidates by mail, within two weeks after the examinations are held. Credits for successful work are valid for one year only.

The second examinations for admission begin at 2 P.M. on the last Monday of the summer vacation (16th September 1907), and close on the following Thursday. Those regular examinations for admission to the College are held in Room 5, Walker Hall at Amherst, and all candidates should present themselves promptly at the hour assigned for registration. Examination papers will be sent, free of charge, to any preparatory school of good standing, where there are candidates for admission, provided its principal will conduct the examinations simultaneously with those at Amherst, and without expense to the College. Candidates who desire to be examined elsewhere than at Amherst should send their names to the Registrar in season to be received not later than the first of June.

The order of examinations, in both June and September, is as follows:—

FIRST DAY

P.M.

2.00-2.15	Registration
2.15-3.45	Plane Geometry
4.00-5.30	Elementary Algebra

SECOND DAY

A.M.		P.M.	
8.30-10.15	Elementary Latin	2.00-2.45	English I
10.30-12.00	Advanced Latin	2.45-3.00	English II
		3.45-4.30	History I
		4.30-5.15	History II

THIRD DAY

A.M.		P.M.	
8.30-10.00	Elementary Greek	2.00-2.30	Elementary German
10.15-11.45	Advanced Greek		Advanced German
11.45-12.30	Chemistry, Physics	3.45-5.15	Elementary French
			Advanced French

FOURTH DAY

A.M.	
8.00-9.00	Advanced Algebra
9.00-10.00	Solid Geometry
10.15-11.15	Trigonometry

PRELIMINARY EXAMINATIONS

Candidates are allowed, with the approval of the Principal of the school at which they were prepared, to take examinations in any of the subjects required for admission. Credit is given for any subject or subjects in which the candidate is successful, but is valid for one year only. Candidates are, however, advised to reserve for their final examinations the following subjects: Homer, Vergil, Greek and Latin prose composition, algebra or geometry, and English II.

ADMISSION ON CERTIFICATE

From certain preparatory schools of approved standing, certificates of fitness to enter College are received in place of entrance examinations; but such certificates must be filled out in detail in

accordance with forms printed by the College, and furnished to principals of such schools upon application to the Registrar.

Such admission by certificates allows a student to enter College conditionally upon his proving himself able to do the full work of his class; and at any time during the Freshman year he may be dropped from the class in case his work is not satisfactory. In order to meet the full requirements in these subjects, certificates in Greek and Latin must specify that the candidate has pursued a systematic course of study, not less than five hours a week during three school years for Greek and four for Latin. In elementary algebra and plane and solid geometry no certificate will be accepted for work that has not been pursued or reviewed within the two years preceding the date of the certificate. No certificate will be accepted for work in advanced algebra and plane trigonometry. In general the amount of work required in each subject is indicated in the detailed description already given under subjects for examination.

Certificates will be received from those schools in New England which have been approved by the New England College Entrance Certificate Board. Principals of schools in New England who desire the certificate privilege should address the Secretary of the Board, Professor Nathaniel F. Davis, 159 Brown Street, Providence, Rhode Island. From schools outside of New England, already approved by this College, students are received on certificate, as heretofore.

ADMISSION ON CERTIFICATE OF EXAMINATIONS

The pass-cards, certificates, and diplomas given by the Regents of the University of the State of New York are accepted in place of entrance examinations in subjects which they cover. It is to be noted, however, that in Greek, in addition to their requirements, an examination must be taken upon the fourth book of

the *Anabasis*, and the translation of Greek at sight, and in Mathematics, in addition to their requirements in elementary algebra, an examination must be taken in the rationalization of radical expressions, theory of exponents, elementary theory of imaginaries, ratio and proportion, the progressions; and in advanced algebra an examination must be taken in the elementary theory of graphs as applied to the study of functions.

Certificates of the College Entrance Examinations Board are accepted.

CONDITIONS

A candidate may be admitted even if he has some deficiencies in the studies required; but those deficiencies must be removed to the satisfaction of the Faculty before he can be advanced to the Junior class. The precise number of deficiencies allowed is not specified, but each case is considered on its merits.

For prize on best entrance examination, see page 118.

ADMISSION TO ADVANCED STANDING

No student is admitted to advanced standing later than the beginning of the second semester of Senior year.

Candidates for admission to advanced standing are examined in the studies that have been pursued by the class they wish to enter; also in the requirements for admission to the Freshman class, if advanced standing has not been regularly attained in another college. In applying for admission to advanced standing at Amherst, a student from another college should present a letter of honorable dismissal, together with a detailed certified statement of the work done by him in each department of study at the college from which he comes. Due credit is given for all such work, if certified by a college of acknowledged standing.

For the particular books in Greek, Latin, or modern languages studied by each class, and indicated in this catalogue, equivalent amounts may be offered from other books in the same language; but prose will not be accepted for poetry.

Courses of Instruction

ALL courses are assigned three hours each week, except Mathematics 1 and 2, and Chemistry 3, 4, 5, and 6, which are four-hour courses. In numbering of courses an odd numeral denotes the first semester, an even numeral the second semester.

In Freshman year those students who have presented for admission both ancient languages, elementary and advanced, pursue the study of those languages, of Mathematics and English, and choose one course. Those who have presented, besides Latin and Greek, a modern language, elementary and advanced, may elect that language instead of one of the ancient languages. Those who have presented one ancient language pursue the study of that language, of a modern language, of Mathematics and English, and elect one course.

The required studies of Freshman year in the Scientific course are Mathematics, English, and two modern languages. One course is elected each semester.

In Sophomore and Junior years each student elects five, and in Senior year four courses. The courses open to each class are indicated on pages 81-85.

No student is allowed to take a less number of courses than the number named for each year. Extra courses may be taken, subject to approval by the Administration Committee. No student is allowed to take more than six courses in a semester. For conditions of graduation in less than four years see page 102.

Candidates for the degree of Bachelor of Science shall complete second year German, and second year French, Italian, or Spanish, and, in addition to the studies of Freshman year, twenty-eight semester courses, twelve of which are to be chosen from sciences,

mathematics, or economics. Sciences taken in Freshman year are included in the twelve courses. Not more than two courses in economics may be reckoned in the twelve courses.

PHILOSOPHY

PROFESSOR GARMAN

1. Psychology and pedagogics.
2. Psychology and sociology.
3. Ethics and history of philosophy. (1, 2 requisite.)

As far as possible, the philosophers and their critics are studied from their own works. The courses in philosophy include the following subcourses, several of which are taken simultaneously:— Psychology (experimental, animal, morbid); mental evolution; pedagogics and educational psychology; general psychology; heredity; anthropological ethics; political obligations; metaphysics of ethics; objective ethics; outlines of sociology; æsthetics; outline history of ancient philosophy: selections from Locke, Berkeley, Hume, and Mill; philosophy and ethics of Herbert Spencer, Descartes, Spinoza, Kant, Fichte, Hegel, Lotze; epistemology; philosophy and evolution of religion; preparation for Christianity in the Roman empire; Christian apologetics; history and exposition of Christian doctrine; movements of thought in the nineteenth century.

HISTORY

PROFESSOR GALLINGER

1. General European history during the Middle Ages, 375-1453.
2. General European history from the close of the Middle Ages to the end of the Seven Years' War, 1453-1763. A continuation of course 1.
3. English history during the Tudor and Stuart periods (1485-1689), with a review of the founding of English political institutions. (1 and 2 or their equivalents requisite.) Omitted in 1907-1908.

4. English history from the revolution of 1689 to the Reform Bill, 1832. (1, 2, and 3 or their equivalents requisite.) Omitted in 1907-1908.

5. The Renaissance.

This course includes the political development of the principal Italian states from 1300 to 1500, the new learning, literature, and art of the period, economic change and the discovery of new lands. On certain aspects of the movement lectures will be given by instructors from other departments. (1 and 2 or their equivalents requisite.) Omitted in 1906-1907.

6. The Colonial Era of American history, 1492-1763. (1 and 2 or their equivalents requisite.) Omitted in 1906-1907.

Courses 5 and 6 are given alternate years with 3 and 4.

PROFESSOR MORSE

7. European history from the end of the Seven Years' War to the Congress of Vienna, 1763-1815.

8. European history since the Congress of Vienna.

9. Political and party history of the United States from the Stamp Act to the election of Jackson, 1765-1828. (7 or its equivalent requisite.)

10. Political and party history of the United States since the election of Jackson. (7 and 9 or their equivalents requisite).

ECONOMICS

PROFESSOR CROOK

1. Outlines of Economics. Seager's *Introduction to Economics*; John Stuart Mill's *Principles of Political Economy*.

2. Money and Banking. Kinley's *Money*; Dunbar's *Theory and History of Banking*.

The monetary and banking systems of England, France, Germany, and the United States are studied.

3. Sociology. Fairbanks' *Introduction to Sociology*; Warner's

American Charities; Wine's Punishment and Reform; Divine's Principles of Relief.

Open to Seniors.

4. Public Finance. *Adams' Finance.*

Emphasis is placed upon taxation.

6. Socialism and Social Problems. The writings of the four groups of social reformers are studied: the Utopists, the Moral and Ethical group, the Socialist group, and the Fabians.

For 2, 4, and 6, or alternates, 1 is requisite. Juniors may elect only two of these courses.

7. Advanced work in Economic Theory. Assigned readings in Smith, Ricardo, Mill, Marshall, the Austrian, Italian, and American economists.

1 requisite.

8. Trusts and Transportation. *Ripley's Transportation; Johnson's American Railway Transportation; Meade's Trust Finance.* Omitted in 1906-1907.

10. Labor Problem, including trades-unionism and the wage question. Lectures and assigned readings. Omitted in 1906-1907.

Courses 8, 10 are given alternate years with 4, 6.

The department conducts an economic and sociological seminar once each week during the winter months, to which are admitted those who have attained high standing in Economics 1 and 3.

MODERN GOVERNMENT AND INTERNATIONAL LAW

PROFESSOR GROSVENOR

2. Fundamentals of international law; definitions; the state; attributes of a state; government; object and test of government; influence of original theories, of time and of circumstances;

governments as single or federal, as monarchic, aristocratic or democratic, as constitutional or arbitrary.

3. Existing governments; national, municipal and local, in the states of Europe and America, and in Japan, China, India, and Australia. (2 requisite.)

4. The rights of states; international intercourse; relations of states at war; belligerents and neutrals; history, progress and future of international law. (2 and 3 requisite.)

Under the governmental systems of different states their constitutions, administrative methods, and fundamental political ideas are discussed. The physical, ethic, and religious condition of peoples is investigated to ascertain the influence of such conditions upon their political life. Attention is paid to special topics of contemporaneous interest. During each semester at least one thesis and two discussions will be presented by each student upon subjects assigned. Grosvenor's *Contemporary History*. Wilson's *The State*. Lawrence's *International Law*.

BIBLICAL LITERATURE

PROFESSOR GENUNG

1. Literature of the Old Era.

(a) As related to the past: history; biography; traditions; laws and temple usages; inbred customs; remnants of ancient song and parable.

(b) As related to the future: prophecy; folk and state polity; apocalyptic.

(c) As related to the present: folk wisdom; gnomic philosophy; lyric and liturgical poetry.

2. Literature of the New Era.

(a) As related to the past: gospels; notes of apostolic and missionary enterprise; interpretations of the inherited store of ideas.

(b) As related to the present: addresses; letters; the new wisdom.

(c) As related to the future: prophecies and forecasts; apocalypse.

GREEK

PROFESSOR ELWELL

A. Course for students beginning Greek. *Anabasis, Iliad*, and prose composition; four hours a week through the year.

This course is given to three or more students, on application.

1. Homer, *Odyssey*, with study of Homeric characters and collateral reading on Homer.

2. Herodotus, with study of historic characters and collateral reading on Greek historians; Lysias, with study of Athenian life and collateral reading on Attic orators.

PROFESSOR SMITH

3. Sophocles, *Ædipus Rex*; Euripides, *Alcestis*; selected dramas; lectures on the development of tragedy and the theatre; study of other selected dramas in an English translation.

4. Plato, *Apology* and *Crito*; Xenophon, *Memorabilia*; lectures and reading on the life and influence of Socrates.

5. Demosthenes, *On the Crown*, with lectures and reading on Demosthenes as an orator and as a statesman. Omitted in 1906-1907.

6. The Greek poets; selections from Wright and Abbott's *Golden Treasury of Ancient Greek Poetry*, with lectures on the development of the various types. Omitted in 1906-1907.

7. Epic poetry; Homer, *The Iliad*, rapid reading; Apollonius Rhodius, *Argonautica III*; lectures and reports on the history and criticism of the Homeric poems.

8. Aristophanes, *Birds*, with lectures on the development of comedy; Æschylus, *Agamemnon*, with a study of the other plays of the Orestes trilogy in an English translation.

Courses 5, 6 are given alternate years with 7, 8.

10. Greek Literature; Prose (1906-1907); Poetry (1907-1908); lectures on the development and characteristics of the various types; study of selected examples in an English translation, with reports on special topics.

Knowledge of the Greek language not required.

LATIN

PROFESSOR COWLES, AND DR. CLEASBY

1. Cicero, *De Senectute*, or *De Amicitia*; discussion on Latin style; collateral reading on the life and times of Cicero.

Livy Book I or XXI; lectures on Rome and Carthage; collateral reading on the Punic wars.

2. Livy continued; exercises in Latin composition on the basis of the text.

Horace, *Odes* and *Epodes* with the Horatian metres; collateral reading on Horace as a lyric poet.

PROFESSOR COWLES

3. Selections from Catullus.

Tacitus, *Agricola* and *Germania*, or selections from the *Satires* and *Epistles* of Horace. History of Latin literature.

4. Selections from the *Letters* of Pliny the Younger; illustrated lectures on Roman archæology.

Plautus, *Trinummus* and *Captives*, with lectures on the history of the Roman theatre and drama.

PROFESSOR CROWELL

5. Selections from Seneca the philosopher; Petronius, *Cena Trimalchionis*; Quintilian, *De Institutione Oratoria*, book x; history of the literature of the Silver Age.

6. Tacitus, *Histories*, books I and III; history of the literature of the Silver Age; Persius and Juvenal, *Satires* and history of

Roman satire; or Justinian, *Institutes*, and history of Roman jurisprudence.

7. Lucretius, selections from *De Rerum Natura*; Cicero, *Immortality of the Soul*; thesis on the life, philosophy, poetry and style of Lucretius.

8. Tertullian, *Liber Apologeticus*; Christian Latin poetry, selections; history of early Christian Latin literature; Justinian, *Institutes*, and history of Roman jurisprudence.

SANSKRIT

PROFESSOR ELWELL

1. Perry's *Primer*; Whitney's *Grammar*; Lanman's *Reader*, *Nala*.

2. Whitney's *Grammar*; Lanman's *Reader*, stories from *Hitopadeṣa* and *Kathā-sarit-sāgara*.

This course is offered in preparation for especial work in comparative philology, and as an introduction to the study of the religions and literatures of India.

GERMAN

DR. MANTHEY-ZORN

1. Drill in pronunciation; colloquial exercises; practice in writing German; selections from easy German prose.

2. Practice in writing German continued; sight reading; prose selections.

PROFESSOR BIGELOW AND DR. MANTHEY-ZORN

3. Prose composition; memorizing; conversation; reading of modern texts; Schiller, *Maria Stuart*, and *Wilhelm Tell* or *Wallenstein* begun; study of Schiller's life.

4. Schiller continued; Lessing, *Emilia Galotti*; Hauff, *Das Wirtshaus im Spessart*.

PROFESSOR GENUNG

5. Selections from Goethe's prose works; study of Goethe's life; Goethe, *Faust* begun.

6. *Faust* continued; history of the Faust legend; Lessing, *Nathan der Weise*.

DR. MANTHEY-ZORN

7, 8. Modern German fiction, poetry, and drama.

This course is open only to students who have completed six semesters with high rank. It may be taken for one or two semesters.

ROMANCE LANGUAGES

PROFESSORS NITZE AND BAXTER, AND DR. GALPIN

FRENCH

1. Elementary course: pronunciation, grammar (composition), translation. Fraser and Squair's *Abridged French Grammar*; Daudet, *Trois Contes Choisis*; or Halévy, *L'Abbé Constantin*.

2. Continuation of 1. Grandgent's *French Composition, Part I*; or Grandgent's *Materials for French Composition, Part I* (based on *L'Abbé Constantin*); Dumas, *La Tulipe Noire*; Mérimée, *Colomba*. Outside reading: Bruno, *Le Tour de la France*.

3. Advanced course: rapid reading, syntax (composition). Bevier's *French Grammar*; Sandeau, *Mlle. de la Seiglière*; About, *La Mère de la Marquise*; Le Sage, *Gil Blas*. Outside reading: Lamartine, *Scènes de la Révolution Française*.

4. Continuation of 3, and introduction to French literature. Cameron's *French Composition*; Anatole France, *Le Crime de Sylvestre Bonnard*; Sand, *La Mare au Diable*; Pellissier, *Précis de l'Histoire de la littérature française*. Outside reading: Augier and Sandeau, *Le Gendre de M. Poirier*.

5, 6. French literature of the seventeenth century, especially the drama. Lectures, discussions, essays. *Théâtre choisi* of

Molière, Corneille, and Racine; Descartes, *Discours de la méthode*; Bossuet, *Discours sur l'histoire universelle*; La Fontaine, *Fables*.

7, 8. French literature of the nineteenth century, especially prose fiction. Lectures, discussions, essays. Pellissier, *Le Mouvement littéraire au XIX^e siècle*, representative works of Chateaubriand, Victor Hugo, Vigny, George Sand, Dumas père, Balzac and Daudet.

11, 12. Selections from the Old French chronicles; *Chanson de Roland*; *Aucassin et Nicolette*. Lectures on the history of the French language. (5, 6, 7, and 8 requisite.)

This course is open only to students of high rank.

ITALIAN

1, 2. Pronunciation, grammar, translation. Stories by De Amicis, Castelnovo, Farina, Verga, Fucini, and Serao; Manzoni, *I Promessi Sposi*.

3, 4. Reading, composition and lectures on the history of Italian literature. Works of Fogazzaro and Capuana.

5, 6, alternates of 3 and 4. Dante, *Vita Nuova*, *Divina Commedia* (*Inferno*); selected tales from Boccaccio, *Decamerone* (Fornaciari); Ariosto, *Orlando Furioso*.

SPANISH

1, 2. Pronunciation, grammar, translation. Hills and Ford's *Spanish Grammar*; Alarcón, *Novelas Cortas Escogidas*, *El Capitán Veneno*; Valera, *El Pájaro Verde*.

3. The Spanish novel. Reading of modern prose fiction (Galdós, Bazán, Valera, Alarcón). Lectures on the development of the novel in Spain.

4. *Don Quijote*. Reading of the text. Lectures on the life and works of Cervantes.

5, 6, alternates of 3 and 4. The Spanish drama. Reading of representative plays of Lope de Vega, Guillén de Castro, Tirso

de Molina, Alarcón, Calderón, Moratín, and Galdós. Lectures on the history of the Spanish drama.

ENGLISH

PROFESSOR ERSKINE AND DR. UTTER

1. Words; sentences; paragraphs; written exercises and themes.
2. The composition as a whole; written exercises and themes.

The object of this required course is to furnish, by theory and practical drill, discipline in the principles of composition.

DR. UTTER

4. American Literature.

PROFESSOR ERSKINE AND DR. UTTER

5. General introduction to English literature; themes and criticism.
6. Continuation of 5.

PROFESSOR GENUNG

7. English literature of the Victorian age; essayists and critics; lectures, readings, discussions.
8. The same, continued; the Victorian poets.

PROFESSOR CHURCHILL

9. The Drama.

The drama as a species of art, its aims, principles, and methods; Greek, Roman, French, German, and English dramas as examples and illustrations.

10. The English Drama.

Rise and development of the drama in England; works of the predecessors of Shakespeare; plays of Shakespeare.

11. Prose Fiction.

Prose fiction as a species of art, its aims, principles, and methods; the novel and the short story; ancient and modern examples. Omitted in 1906-1907.

12. English and American Prose Fiction.

Rise and development of the novel and of the short story in England and America. Omitted in 1906-1907.

PROFESSOR ERSKINE

13. Elizabethan literature.

14. English literature of the seventeenth century.

15. English literary criticism. Omitted in 1906-1907.

16. English and Scotch Ballads. Omitted in 1906-1907.

PROFESSOR CHURCHILL

19. Critical study of English poets: Pope, Cowper, Burns, Byron, Shelley, Wordsworth.

20. Critical study of English prose writers: Early English prose, Elizabethan prose; Addison, Swift, Lamb, De Quincey.

For English 19 and 20, two courses chosen from 9 to 16 are requisite as precedent or parallel courses.

PROFESSOR CHURCHILL

21. Old English (Anglo-Saxon). Cook-Sievers' *Grammar of Old English*; Sweet's *Anglo-Saxon Primer*; Bright's *Anglo-Saxon Reader*; Beowulf; lectures on the origin and development of Old English.

22. Old English Poetry; Beowulf continued; Middle English, especially Chaucer; *Prologue* to the *Canterbury Tales*; lectures

on the history of Middle English, and its development into Modern English; Sweet's *Second Middle English Primer*.

23. Old English Literature.

This course is given alternate years with the linguistic course 21, and is devoted to the literature of the period. Courses 21 and 22 are not prerequisite. Omitted in 1906-1907.

24. Middle English Literature.

This course is given alternate years with 22. Special attention is paid to the Middle English lyrics, Piers Plowman, the Arthurian tales, the Mystery plays, Chaucer. Omitted in 1906-1907.

PROFESSOR ERSKINE

25, 26. Advanced Rhetoric. (Open with the permission of the instructor to Seniors and to specially qualified Juniors.)

PUBLIC SPEAKING

MR. CORSA

2. Oral interpretation; declamations, one-hour course; individual training.

Required of all Freshmen.

4. Individual training of contestants for the Freshman Kellogg Prize.

5. Oral interpretation; declamations, one-hour course; individual training.

Required of all Sophomores.

6. Individual training of contestants for the Sophomore Kellogg Prize.

7. Lectures; examples for praxis; oral interpretation; orations; argumentation in debates; discussions; speeches.

9. Debates on social, economic, historical, and political questions, one-hour course.

Required of all Seniors.

10. Debates as in 9.

Required of all Seniors through the Winter term; individual training of contestants for the Hyde and Bond prizes is given in the Spring term.

GREEK ART

PROFESSOR SMITH

1. Sculpture and architecture, introduced by a brief study of the nature and functions of art. Lectures illustrated by photographs, casts, and lantern slides. Collateral reading, with reports on assigned topics.

ROMAN AND ITALIAN ART

PROFESSOR BAXTER

2. (a) Roman architecture; Italian architecture, including early Christian, Byzantine, Romanesque, Gothic, and Renaissance. (b) Italian sculpture; five lectures. (c) Italian painting of the Renaissance; twenty-five lectures. All lectures illustrated by stereopticon. Collateral reading and study of photographs.

MUSIC

PROFESSOR BIGELOW

1. Elements of music; history of the scales; sight-reading; elementary harmony; chord analysis; choral and orchestral work.

2. Chord analysis; sight-reading and harmony continued; history of music; study of forms; choral and orchestral work. (1 requisite.)

3, 4. History of music continued; form analysis; musical literature; choral and orchestral work. (1, 2 requisite.)

Pianos and a large Æolian Orchestrelle are placed at the disposal of all students taking these courses.

Students not electing the courses outlined above may, on certain conditions, become members of the chorus or orchestra, and receive credit for their work on the college books, subject to the approval of the instructor in charge.

MATHEMATICS

PROFESSORS OLDS, ESTY, AND NEWLIN

1. Solid and spherical geometry; algebra, including choice, chance, determinants, derivatives, graphs, binomial theorem, and a brief introduction to the theory of equations.

2. Algebra continued, including theory and use of logarithms, and exponential and logarithmic series; plane trigonometry; spherical trigonometry and surveying for the Walker honor division.

3. Descriptive geometry.

5. Analytic geometry, plane and solid.

6. Differential and integral calculus.

7. Calculus continued, followed by a brief course in differential equations, with especial reference to advanced courses in mechanics and physics.

8. Analytic mechanics; vector methods introduced.

9. Differential equations, ordinary and partial, with their applications; vector methods continued.

10. Introduction to the theory of functions.

4. Descriptive geometry completed. (Continuation of 3.)

12. Mechanical drawing.

Courses 4 and 12 are designed primarily for students who are preparing to enter schools of technology.

PHYSICS

PROFESSORS KIMBALL AND THOMPSON

1. Elementary mechanics; equilibrium and motion of solids,

liquids, and gases, capillarity and molecular forces; heat; electricity and magnetism. Lectures and recitations three hours, laboratory work two hours.

2. Electricity and magnetism, continued; sound and light. Lectures and recitations three hours, laboratory work two hours.

3. A course in electric and magnetic measurements and in heat. (1 and 2 requisite.) Lecture or recitation one hour, laboratory work four hours.

4. Heat and elementary thermodynamics and physical optics, with especial reference to interference, diffraction, and polarization, and the optical properties of crystals. Lectures and recitations two hours. (1 and 2 requisite.)

5. Theory of electrostatics, electricity, and magnetism, electrolysis and electrolytic conduction, and electric discharge in gases. Lectures and recitations two hours, laboratory work two hours.

6. Dynamo-electric machinery, with especial reference to alternating currents of electricity. Lectures and recitations two hours, laboratory work two hours.

ASTRONOMY AND NAVIGATION

PROFESSOR TODD

1. General and descriptive astronomy and astrophysics. Todd's *New Astronomy*; lectures upon the history of geodesy and astronomy. Observations with telescopes and other apparatus, as laboratory practice. Determinations of time. (Physics 2 requisite.)

This course includes the elements of astronomy, old and new. It is an informational course, and does not presuppose technical knowledge of mathematics.

2. Practical astronomy and astrophysics (Campbell, Souchon, Frost); *Theoretical Astronomy* (Watson); *Introduction to Celestial*

Mechanics (Moulton); *Investigation of the orbit of Uranus*; observatory work with equatorial, transit, and spectroscope. (Mathematics 1, 2, 5, and 6 and Astronomy 1 requisite.)

This course includes the theory of the construction, adjustment, and use of the principal instruments of the astronomical observatory (page 93), and each student makes observations with these instruments, and completely calculates, or reduces them. Also the theory of practical computation, the construction of tables of the motions of the heavenly bodies, and of the Astronomical Ephemeris and Nautical Almanac.

4. History of navigation; naval architecture; instruments of navigation; compass errors and their correction; finding the ship's position; great circle sailing; sextant practice (Mathematics 1 and 4 and Astronomy 1 requisite).

This course enables the student to become familiar with the practical operations of the astronomy of navigation, including observations and the calculation of them.

CHEMISTRY

PROFESSORS HARRIS AND HOPKINS AND MR. CHAPIN

1. Fundamental laws. The non-metallic elements and their compounds.

2. Metallic elements and their compounds.

3. Qualitative analysis of bases and acids and general relations of the metals and acids.

4. Separation of bases and analysis of mixed compounds, and general organic chemistry.

5. Quantitative determination of simple compounds and separations of mixed substances.

6. Mineral analysis and special technical and sanitary analysis.

MINERALOGY AND GEOLOGY

PROFESSOR EMERSON

1. Structural and dynamical geology as illustrated by the region

around Amherst. Six excursions required, generally on Wednesday afternoons. Fairchild's edition of Leconte's *Elements of Geology*. (Physics 1, 2 and Chemistry 1, 2 requisite.)

2. Historical geology, palæontology, physiography. (1 requisite; Biology 1, 2 desirable.)

3. Field and laboratory work. Survey of an area of glacial and post-glacial beds followed by descriptive mineralogy, crystallography, determination of minerals, petrography (Moses and Parsons' *Mineralogy*), or by advanced palæontology. Eastman's translation of von Zittel's *Palæontology*. (Geology 1, 2 and Biology 1, 2 requisite.)

4. Survey of an area of Triassic or Crystalline rocks, or advanced work in mineralogy, petrography, or palæontology.

Map or thesis required.

HYGIENE AND PHYSICAL EDUCATION

PROFESSORS HITCHCOCK AND PHILLIPS

1. Personal hygiene; lectures on fundamental laws affecting health. (One-hour course.) Pyle's *Personal Hygiene*.

2. Human physiology. Martin's *Human Body, Advanced Course*.

Except in Senior year, light gymnastic drill is required four times a week the first and second terms.

BIOLOGY

PROFESSORS TYLER AND LOOMIS

1. Evolution of vertebrates.
2. Evolution of invertebrates.

Laboratory work includes dissection or microscopic study of the principal forms of animal life. The lines of evolution leading to higher animals and man are traced as far as possible. The laws governing human development and the structure and affinities of the great divisions of the animal kingdom are investigated.

3. Comparative anatomy of vertebrates. (1 requisite.)
4. Comparative anatomy of vertebrates and their distribution. (1 and 3 requisite.)
5. Development of the child. Prehistoric man. (1 requisite.)
6. Vertebrate embryology. Biological problems. (1 requisite.)

BOTANY

MR. GOODALE

2. Evolution of the plant kingdom. The progress of plant life from the lower to the higher forms is studied by means of lectures and laboratory work upon certain types representative of the main groups of plants. Field work is required during the latter part of the semester.

Omitted in 1906-1907.

4. Phanerogamic Botany. Detailed study of the structure and physiology of the Spermatophytes, or seed plants. The lectures and recitations are supplemented by required field work in the region around Amherst and by preparation of an herbarium.

THE HENRY WARD BEECHER LECTURESHIP

This Lectureship is named in honor of Henry Ward Beecher of the class of 1834. It is to be awarded annually by the Faculty for supplementary lectures in the Departments of History and the Political and Social Sciences, and will pay the holder the sum of five hundred dollars. The lectureship was founded by Frank L. Babbott, M.A., of the class of 1878.

Lists of Studies

FRESHMAN YEAR

ALL candidates for a degree take English 1, 2; Mathematics 1, 2; Hygiene 1 (1 hour), Public Speaking 2 (1 hour). Candidates who have entered:

B.A. Group* 1, take also Greek and Latin, and choose one study from the list given below ;

B.A. Groups 2 and 3, take also Greek or Latin and a modern language, and choose one study from the list given below ;

B.S., take also two modern languages, and choose one study from the list given below.

Candidates who have been accepted in Mathematics II (Solid Geometry, Advanced Algebra, and Trigonometry) at entrance, choose two studies from the list given below. Candidates for B.S. who have presented Latin I and II may become candidates for B.A. by taking the Latin of Freshman year.

ELECTIVES, FRESHMAN YEAR

First Semester

French 1, 3, or 5
German 1, 3, or 5
Chemistry 1
Physics 1
Mathematics 3

Second Semester

French 2, 4, or 6
German 2, 4, or 6
Chemistry 2
Physics 2
Mathematics 4
English 4
Physiology 2

*For definition of groups see page 45.

SOPHOMORE YEAR

Each student must elect five courses.

First Semester

History 1
 Greek 3
 Latin 3
 German 1
 German 3
 German 5
 French 1
 French 3
 French 5
 Italian 1
 Spanish 1
 English 5
 English 7
 Public Speaking 5 (*required*)
 Mathematics 5
 Chemistry 1
 Chemistry 3
 Physics 1
 Physics 3
 Biology 1

Music 1

and any preceding courses

Second Semester

History 2
 Greek 4
 Latin 4
 German 2
 German 4
 German 6
 French 2
 French 4
 French 6
 Italian 2
 Spanish 2
 English 6
 English 8
 Mathematics 6
 Chemistry 2
 Chemistry 4
 Physics 2
 Physics 4
 Biology 2
 Botany 2
 Botany 4
 Physiology
 Music 2

JUNIOR YEAR

Each student must elect five courses.

First Semester
Second Semester

Philosophy 1
History 3
History 5
Biblical Literature 1

Philosophy 2
History 4
History 6
Biblical Literature 2

Greek 5
Greek 7
Greek Art

Latin 5
Economics 1

Greek 6
Greek 8
Greek 10
Roman and Italian
Latin 6
Economics 2
Economics 4
Economics 6
Economics 8
Economics 10

German 7
French 7
French 9
Italian 3
Italian 5
Spanish 3
Spanish 5
English 9
English 11
English 13
English 15

Modern Government 2
German 8
French 8
French 10
Italian 4
Italian 6
Spanish 4
Spanish 6
English 10
English 12
English 14
English 16

First Semester

English 21
 English 23
 Public Speaking 7
 Mathematics 7

Chemistry 5

Physics 5
 Geology 1
 Biology 5
 Music 3

and any preceding courses

Second Semester

English 22
 English 24
 Mathematics 8

Chemistry 6

Physics 6
 Geology 2
 Biology 6
 Music 4

SENIOR YEAR

Each student must elect four courses.

First Semester

Philosophy 3
 History 7
 Economics 3
 Economics 7

Modern Government 3

Latin 7
 French 11
 English 19

Public Speaking 9 (*required*)

Second Semester

History 8

Modern Government 4

Latin 8
 French 12
 English 20

Public Speaking 10 (*required*)

First Semester

Mathematics 9

Astronomy 1

Geology 3

Sanskrit 1

and any preceding courses

Second Semester

Mathematics 10

Mathematics 4

Mathematics 12

Astronomy 2

Astronomy 4

Geology 4

Sanskrit 2

Clubs and Societies

ROMANCE CLUB

THE Romance Club is a student organization whose object is to encourage conversation in French, Spanish and Italian,—the only languages permitted in the Club Room. It is purely social in character, being quite independent of the conversation classes conducted by the department. To further the object of the Club regular, informal, weekly meetings are held, foreign dailies and illustrated weeklies are kept on file in the Club Room, which is always open to members, distinguished foreigners are invited to speak in their native tongue under the auspices of the Club, plays are presented, and finally members are encouraged to travel in the Latin countries and to recount their experiences to the Club on their return.

GERMAN CLUB

The German Club is an organization of students for the purpose of gaining facility in speaking the language. Members have access at all times to the rooms, which are provided with German newspapers, illustrated papers, and reviews. Weekly meetings are held, at which German only is spoken.

LITERARY CLUB

The Literary Club, meeting fortnightly, is organized and conducted by students, but the teachers of English are active members. The purpose of the Club is to increase interest in English literature, to form correct literary opinions, and to promote free discussion of literary subjects. Special attention is given to modern and current literature. The Club also affords opportunity to hear prominent lecturers from outside the College.

CHORUS AND ORCHESTRAL WORK

A chorus and orchestra consisting of students, faculty, and citizens of the town and vicinity, after practice extending throughout the college year, render during the Spring term and at Commencement some of the larger musical masterpieces, thus giving all who can sing, or play an instrument, an opportunity for practice and development in the realm of good music. The works studied, thus far, are Mendelssohn's Oratorios *St. Paul* and *Hymn of Praise*, Händel's *Dettingen Te Deum*, Mendelssohn's *Hear my Prayer*, the overture to Von Weber's *Freischütz*, Händel's *Messiah*, Beethoven's *Seventh Symphony*, Mozart's *Zauberflöte Overture*, Mendelssohn's *Elijah*, and Haydn's *Creation*.

COLLEGE CHOIR

Students who are gifted with good voices and have had experience in singing may become members of the choir, whenever there are vacancies. They receive remuneration for their services.

The duties of the choir are to lead singing daily at morning prayers, and at the Sunday morning service, and to attend such choir and chorus rehearsals as may be appointed.

The College Library

THE COLLEGE LIBRARY contains about eighty thousand volumes. The funds available for the increase of the library yield an annual income of about four thousand dollars, which is expended under the direction of the library committee in such a way as to do justice to each department of the library.

The reading-room is large and attractive, and is supplied with the best foreign and American periodicals. Open shelves contain encyclopædias, dictionaries, and other books of reference, together with such books as are temporarily assigned to reading-room use by teachers in the different departments.

Members of the College are allowed free access, under a few necessary limitations, to the bookshelves. In addition to the use of books in the library building, each student is permitted to have out three volumes at a time.

During term-time the college library and reading-room are open from 8.30 A.M. to 9.30 P.M. every day excepting Sundays and holidays. During vacations the library and reading-room are open five hours daily, except from August 15 to September 15.

The library building bears the name of The Henry T. Morgan Library, in recognition of the munificent bequests of the late Henry T. Morgan of New York.

The Mather Art Museum

FOR purposes of instruction in the history of Art, the College is well equipped with reproductions illustrating various periods and schools. The large collection of plaster casts which occupies the entire third floor of Williston Hall, as well as the vestibule and stairway leading to it, has been named in honor of the late Professor Richard H. Mather, D.D., in recognition of the fact that it was brought together solely through his agency. It comprises nearly one hundred casts of acknowledged excellence, of which some fifty, of the size of the originals, illustrate Egyptian, Mycenæan, Greek, and Roman sculpture, both in the round and in relief. Of later sculptors, Michelangelo, John of Bologna, Canova, and Thorwaldsen are represented. Among the copies of important bas-reliefs, the most noteworthy is that of the Panathenaic frieze from the Parthenon, which encircles the main hall. There are also about forty statuettes and busts in the collection, all from antique or Renaissance originals. At the east end of the hall are full-sized casts of the Ghiberti gates in the Baptistry at Florence, while the corresponding space at the west end is filled by a reproduction of Crawford's doors of the Capitol at Washington.

Entrance to the Museum is gained through the central door on the north side of Williston Hall, or through the smaller door, on the same side, leading to the Greek room. It is open every week-day, while College is in session, from the first of May to the first of December, from two to three o'clock P.M. At other times visitors are admitted on application to the custodian.

In addition to the resources of the Mather Museum, the rooms of several departments of the College are supplied with art repro-

ductions of various kinds. The Latin and Greek rooms, both in Williston Hall, possess many important casts in bronze and plaster, as well as large collections of photographs, engravings, and stereopticon slides. In the Art Room of the Library, at the right of the entrance, is the Italian Art Collection of more than one thousand carbon photographs and lantern slides illustrative of Italian painting of the Renaissance. In the same room are two cases of Eastern antiquities, such as Assyrian and Babylonian seals, cylinders, bricks, and fragments: while in the vestibule of the Library are several Assyrian slabs, with inscriptions in cuneiform characters, dated about 900 B.C., which were obtained by the late Dr. Henry Lobdell from the walls of the palace of Assurnazirpal at Nimroud.

Laboratories and Apparatus

NEW laboratories for chemistry and physics have been erected upon the land added to the College campus by gift of Mr. D. Willis James. The chemical laboratory has ample accommodations for all needs of the department. It contains on the first floor a laboratory and balance room for quantitative analysis; also another laboratory, arranged with sixty desks, fitted for qualitative work. Upon the second floor is a lecture room with accommodation for the largest classes, and adjoining is a commodious room for all preparations and apparatus for lecture experiments. Upon the same floor is a working laboratory for students in general chemistry, where sixty can easily be accommodated at one time. Also on this floor is a laboratory arranged for organic and sanitary work, with a combustion room adjacent. Upon each floor is a convenient recitation room for drill work. A library room is in proximity to the work of the more advanced students. In the well-lighted basement are storerooms for glassware, chemicals, and acids, an assay room, a gas analysis room, and a workshop.

On the main floor of the physical laboratory is a large lecture room, provided with a variety of arrangements to aid in demonstrations. Adjoining the lecture room is an apparatus room with a valuable collection for lecture illustration. There are also on this floor a library and reading room, a recitation room, and a room for experimental work in electricity. On the upper floor are laboratories for elementary experimental work, a balance room, a photographic developing room, a dark room for general purposes, an optical room, and a spectroscope room equipped with a powerful concave-grating spectroscope. In the basement

are battery rooms, a uniform temperature room, a room for special researches, and a well-equipped workshop and dynamo room, with steam and water power. Throughout the building slate shelves and brackets are built into the walls to secure steadiness, and in the basement are substantial piers. The collection of apparatus includes many instruments of precision suitable for investigation as well as instruction.

The biological laboratory is connected with the Appleton Cabinet. On the first floor is the recitation room, containing the study collections of animals and a full local herbarium. The collection is illustrated by a set of Leuckart's wall charts. Adjoining the recitation room is the reading room, or department library. This library, the gift of former students in the department, contains at present about two hundred and fifty volumes, and includes two or more copies of the larger and more expensive text-books and books of reference. The student is thus enabled to study the specimen with the best charts and books of reference immediately within his reach. On the south side of the second floor is the laboratory for beginners. On the north side is the laboratory for advanced work, with accommodations for about twenty students. Both laboratories are abundantly supplied with microscopes, microtomes, and all needed instruments.

A fund of one hundred and fifty thousand dollars has been provided for new Biological and Geological Laboratories, which will be completed in 1907.

The Observatory

THE Observatory and its equipment are maintained both for educational purposes and for original research. The old Observatory, built in 1847 on the college grounds, has been dismantled and is no longer used.

A bequest of the late Charles T. Wilder of Wellesley Hills, supplemented by a gift of Mr. D. Willis James of New York, has enabled the Trustees to acquire an excellent site near the College, upon which the new Observatory, with a thoroughly modern equipment, has been placed. The large dome is thirty-five feet in diameter, and houses an eighteen-inch Clark telescope. The small dome contains a seven and one-fourth inch refractor. The observatory equipment comprises a twelve-inch reflector, the gift of Rev. Albert J. Lyman, D.D., of Brooklyn, and built by his father; a six-inch Edgecomb reflector, the gift of Leonard W. Pope of the class of 1902; an altazimuth, two transits with the usual accessories for meridian observations, instruments for instruction in the theory and practice of navigation, and much other apparatus in large part photographic and chiefly of use on eclipse expeditions.

The land included in the Observatory property is about seven and one half acres. Adjoining property owned by the College, and which may be regarded as additional protection, approaches thirty acres in extent.

The Natural History Collections

THE Woods Cabinet is named in honor of its principal donor, the late Hon. Josiah B. Woods of Enfield. It contains all the geological collections of the College, consisting of the general American and European collections, the State survey collections of New Hampshire, Vermont, Massachusetts, and Connecticut, and the Shepard meteorite collection; comprising in all about twenty-five thousand specimens.

In the Appleton Cabinet, named in honor of the late Hon. Samuel Appleton of Boston, are the Hitchcock ichnological collection, the Gilbert museum of Indian relics, and the Adams zoölogical collection.

In the ichnological collection, named after President Hitchcock, are to be found about fourteen hundred specimens, containing at least twenty thousand tracks of animals in stone, together with plaster and clay casts of tracks of living and extinct species of animals. The museum of Indian relics receives its name from the Hon. George Gilbert of Ware, by whose liberality it was mainly established. It comprises about thirty-five hundred specimens of the stone implements of extinct Indian tribes, principally those who lived in the Connecticut valley. The zoölogical collection was originally gathered and arranged by Professor Charles B. Adams. It comprises prepared specimens of animals and their habitations, and dried plants, representing all the great groups of the animal and vegetable kingdoms. In the department of shells it is particularly extensive and valuable. A collection in comparative osteology, and the clastic models of Auzoux, are incorporated with the zoölogical collection. The collections arranged in these several cabinets contain more than

one hundred thousand specimens of the animal, mineral, and vegetable kingdoms.

By the gift of the Hon. Elbert E. Farman, LL.D. of Warsaw, New York, the College possesses Audubon's celebrated collection of birds, amounting in all to about six hundred specimens. Many of these are the typical specimens by which the species were determined, and about one hundred have been mounted for exhibition in the Appleton Cabinet. Also, there have been added to this collection by the same donor several of the rarer California birds which have been discovered since the death of Audubon.

The cabinets are open to the public every week-day from three to four P.M.

The Pratt Gymnasium

THE Pratt Gymnasium is the gift of Charles M. Pratt of New York, of the class of 1879. The main hall affords ample space for a class to receive drill practice with light apparatus, and to execute certain marching movements. The equipment of specialized apparatus is complete, and enables a large number of students to take individual exercise simultaneously. The facilities of the dressing-room and the bathing-rooms are abundant.

On the main floor are the offices of the Professors of hygiene and rooms containing anthropometric apparatus for the measurement and examination of students. The two physicians of the College are in daily attendance, to give personal care and advice respecting the bodily needs and exercises of the students.

One division of the building contains a fencing room and hand-ball court. In the basement are the bowling-alleys, a

sparring-room, and baseball cage. The gymnasium is open every week-day from 8.45 A.M. to 6 P.M. and for special purposes in the evening.

The Pratt Swimming Pool

THE PRATT SWIMMING POOL is the gift of Harold I. Pratt of the Class of 1900. The pool is seventy-five feet long and twenty-two feet wide. Apparatus for water sports is provided. The building which contains the swimming pool is connected by a corridor with the Gymnasium. The pool is on the first floor, with a platform for spectators. On the second floor are one double and three single squash racquet courts, the gift of Mortimer Leo Schiff of the Class of 1896. The pool and the racquet courts are free to all students.

The Pratt Field and Recreation Grounds

THE PRATT FIELD, an area of about thirteen acres, less than one-third of a mile from the College, superbly located on the eastern slope of the Connecticut Valley, is the gift of Frederic B. Pratt of New York, of the Class of 1887. It is intended for out-door recreation of all students of the College as well as for those who compete in the games. It is provided with a well-laid quarter-mile track and space for field contests, a baseball diamond, football grounds and tennis courts. The grandstand seats about five hundred, and furnishes standing-room for as many more. In the large space under the stand are dressing-rooms, shower-baths, and store-rooms.

The Pratt Health Cottage

THE PRATT HEALTH COTTAGE, in an elevated situation three-fourths of a mile from the College, is the joint gift of George D. Pratt of the class of 1893, Herbert L. Pratt of the class of 1895, and John T. Pratt of the class of 1896. Its size and equipment are ample for the purposes of an infirmary, where students temporarily disabled by disease or accident may receive treatment in accordance with the liberal provisions of the donors. The College physicians have general charge of all cases in the infirmary, except that any student is at liberty to employ a physician of his own choice and school of medicine. The arrangements for treating infectious diseases are perfect, and the collection of surgical appliances suitable for emergency cases is complete. A matron, who is a graduate nurse, in attendance upon the Cottage, is ready at all hours during term-time to relieve sick or disabled students, and provide for their necessities, pending any arrangement for especial treatment. The cost to each patient is only a charge sufficient to defray necessary expense. Provision is made for a limited number of patients by funds given in aid of needy and worthy students, one in memory of Rev. Edmund K. Alden, D.D., of the class of 1844, one in memory of President William S. Clark, LL.D., of the class of 1848, and one in memory of Rev. Thomas P. Field, D.D., of the class of 1834.

Dormitories

THE rooms in North and South Colleges, arranged on the general plan of a separate study and bedroom, allow a choice in suites for one, two, or three students. The buildings are heated with steam and there are tiled open fireplaces in most of the rooms. The floors are hardwood and may be left uncarpeted and used with rugs. On the second floor of each half of each dormitory there is a bath room with modern appointments. The hallways are lighted with gas. The prices named for room-rent include heat, water, and care of the rooms by capable janitors.

A student who is occupying a dormitory room is allowed until the first Monday in May to retain the same for the succeeding year. After that date members of College may draw for choice of unengaged rooms in the following order: on the Tuesday following, members of the incoming Senior class; on the Thursday following, members of the incoming Junior class; and on the Friday following, members of the incoming Sophomore class. After the last date rooms will be rented as called for; or they may be reserved for members of the incoming Freshman class.

Application for rooms should be made to the Treasurer. Bills for room-rent are payable at the Treasurer's office, and are due, one-quarter on engaging the room, one-quarter on the first of October, and the balance on the first of March.

NORTH COLLEGE

NORTH ENTRY

First Floor: No. 1, \$90; No. 2, \$80; No. 3, \$80; No. 4, \$90.

Second Floor: No. 5, \$115; Nos. 6 and 6A, \$135; No. 8, \$120; Room D, \$55.

Third Floor: No. 9, \$115; No. 10, \$90; No. 11, \$90; No. 12, \$120; Room E, \$60.

Fourth Floor: No. 13, \$110; No. 14, \$85; No. 15, \$85; No. 16, \$115; Room F, \$55.

SOUTH ENTRY

First Floor: No. 17, \$80; No. 19, \$85; No. 20, \$80; No. 18, \$85.

Second Floor: Nos. 21 and 21A, \$135; No. 22, \$115; No. 23, \$120; Room A, \$55.

Third Floor: No. 25, \$90; No. 26, \$115; No. 27, \$120; No. 28, \$90; Room B, \$60.

Fourth Floor: No. 29, \$85; No. 30, \$110; No. 31, \$115; No. 32, \$85; Room C, \$55.

SOUTH COLLEGE

NORTH ENTRY

First Floor: No. 1, \$85; No. 2, \$65; No. 2A, \$40; No. 3, \$40; No. 4, \$85. (Nos. 2 and 2A should rent as a suite, and No. 3 may rent with them.)

Second Floor: No. 5, \$115; Nos. 6 and 6A, \$135; No. 7, \$55; No. 8, \$120.

Third Floor: No. 9, \$115; No. 10, \$90; No. 10A, \$50; No. 10B, \$45; No. 11, \$60; No. 12, \$120. (Nos. 10, 10A, and 10B should rent as a suite; or Nos. 10 and 10A may be rented together, and No. 10B and No. 11 may be rented as a suite.)

Fourth Floor: No. 13, \$110; No. 14, \$80; No. 14A, \$50; No. 14B, \$45; No. 15, \$55; No. 16, \$115. (Nos. 14, 14A and 14B should rent as a suite; or Nos. 14 and 14A may be rented together, and No. 14B may be rented with No. 15 as a suite.)

SOUTH ENTRY

First Floor: No. 17, \$80; No. 18, \$95; No. 19, \$95; No. 20, \$80.

Second Floor: Nos. 21 and 21A, \$135; No. 22, \$125; No. 23, \$125; Room A, \$55.

Third Floor: No. 25, \$95; No. 26, \$125; No. 27, \$125; No. 28, \$95; Room B, \$65.

Fourth Floor: No. 29, \$90; No. 30, \$120; No. 31, \$120; No. 32, \$90; Room C, \$60.

Administration.

TERMS AND VACATIONS

THE academic year includes thirty-six weeks of term time, divided into the Autumn, Winter, and Spring terms. There is a recess of two weeks beginning three days before Christmas, a Spring recess of two weeks and a Summer vacation of twelve weeks. Commencement Day is the last Wednesday in June.

A printed schedule of the exercises of the College is published at the beginning of each semester. On Wednesday and Saturday afternoons all exercises are suspended.

ATTENDANCE AT RECITATIONS AND LECTURES

From class-room exercises five absences are allowed from every three-hour course in each semester. In courses involving more or less than three hours a week, and in laboratory courses, the number of allowed absences must not exceed one tenth of the total number of exercises. Three tardy marks count as one absence.

A student who has taken one more than the number of absences allowed is reported to the Administration Committee.

A student who has more absences than are allowed in any course must make up the work corresponding to those absences before he can be admitted to the final examination. If he fails to do this, five one-hundredths for each absence are deducted from his mark in the course.

All students going home to vote have an opportunity to make up for the necessary absences by special recitations or exercises.

EXAMINATIONS

Examinations are held at the end of each semester, or at intervals during the semester, in all courses. There are no second or make-up examinations after the close of a semester, except in required courses.

A student who has failed in a required course may take a second examination the day before the beginning of the next college year. A Senior who has failed in any course or courses of the second semester may take a second examination. A Senior who has failed in any course or courses of the first semester, in case there are no courses that can be substituted the second semester, may take a second examination at the end of the second semester.

DELINQUENCIES

A student who has failed in a required course on a second examination is obliged to repeat it the following year with the next lower class. A student who has failed in an elective course is obliged to repeat it the following year, or may, with the consent of the Administration Committee, substitute another course in one of the two following semesters.

After the first semester of Freshman year, no student may take six courses unless he has passed five courses the previous semester.

A student who, on account of illness, does not take a final examination may be granted the privilege of a special examination, provided he presents a certificate from one of the College physicians.

GRADUATION IN LESS THAN FOUR YEARS

GRADUATION IN THREE YEARS

A student who, by examination, has at entrance credit for two semester courses, may take six courses each semester, besides required work in declamation, debates and hygiene, in order to obtain a degree in three years, provided he maintains an average standing of 75. Written notice of intention to complete the course in three years shall be given at the beginning of the first year.

GRADUATION IN THREE AND ONE-HALF YEARS

A student may complete the course in three and one-half years by taking after the first year six courses during three semesters and five courses during two semesters, besides required work in declamation, debates and hygiene, provided he maintains an average standing of 75, and may take his degree at the Commencement following. Written notice of intention to complete the course in three and one-half years shall be given at the beginning of the second year. On completion of the requisite number of courses the student may on petition obtain leave of absence until the time when the degree is conferred.

No student shall take more than the required number of studies in any term in order to shorten the course, or for any other reason, except by permission of the Administration Committee.

ATTENDANCE AT CHURCH AND CHAPEL

Absences from chapel services are allowed upon an average once a week for each semester; from the Sunday service, four absences are allowed in each semester.

Instead of attendance upon the Sunday service of the College Church, any student, on application to the Registrar, is permitted to attend church service elsewhere with the denomination of his choice. If the student is under twenty-one years of age,

his application must be accompanied by a written request from his parent or guardian.

All applications for excuses from church and chapel exercises on account of sickness must be made to one of the College physicians.

ATTENDANCE AT GYMNASIUM

Four hours a week of physical exercise are required of the Freshman, Sophomore and Junior Classes in the first and second terms of the year. Freshmen commence their work at the beginning of the year; Sophomores and Juniors immediately after the Fall Athletic Meet. A limited number of students are excused from the required attendance at the Gymnasium while they are actively training for one of the athletic teams of the College.

Each student on entering College is required to take a physical examination.

PUBLIC EXHIBITIONS

Any club, association, or team of students proposing to give one or more entertainments or exhibitions, before making any contracts or engagements, must present their plans to the Committee on Public Exhibitions, and no engagements shall be made without the approval of the Committee.

No individual student shall compete in athletics outside of Amherst in term-time without first obtaining permission from the Committee.

A Freshman who has an entrance condition is not allowed to take part the first semester, in any public game or entertainment given by any club, association or team of students, other than class or fraternity games.

A Freshman who has an entrance condition, or an incomplete semester course, or an average recorded standing below 65, is not allowed to take part the second semester in any public game

or entertainment given by any club, association or team of students, other than class or fraternity games, nor to be editor of a college publication.

A Freshman who has more than one incomplete semester-course is not eligible to the Freshman baseball team.

No student whose work is incomplete in more than one course is allowed to manage or take part in any public game or entertainment given by any club, association, or team of students; and the privilege of connection with such organizations is at once withdrawn for the remainder of the semester, in the case of any student who is reported to the Administration Committee as failing in three courses. (This regulation does not apply to inter-class, interfraternity and other similar games.)

TERM BILLS, BOND, AND FEES

Term bills, including tuition, use of library and gymnasium, and all ordinary incidentals amount to one hundred and ten dollars for the year. One half of the annual charge is due on the first day of October, the other half on the first day of March. A bond of two hundred dollars, with satisfactory surety for the payment of all college bills, must be given to the Treasurer by each student when he enters College.

Each member of the Senior class is required to pay a graduation fee of six dollars.

LABORATORY FEES

Physics	{	First year, each semester	\$5.00
	{	Second and third years, each semester	7.00
Biology	{	First year, each semester	5.00
	{	Second and third years, each semester	8.00
Chemistry	{	First year, first semester	5.00
	{	First year, second semester	4.00
	{	Second year, first semester	10.00
	{	Second year, second semester	7.50
	{	Third year, each semester	15.00
	{		

THE JOHN CRERAR LIBRARY

BOOK CALL-SLIP

Call No.	Vol.
378.744 AH	1
Lost	

Write a separate slip for each work.

Residence

This book is to be returned to the delivery desk.

NOTE that a star prefixed to the call number indicates that the book is shelved in the Reading Room, where it may be consulted without formality.

Board thirty-six weeks	126	144	180
Fuel and light	10	15	25
	\$291	\$344	\$420

RELIGIOUS CULTURE

The Christian life of the College finds expression through the College church and the Christian Association. Prayers are conducted by the President each week-day morning at quarter-past eight o'clock in Johnson Chapel. All students are required to be present. Public worship is held every Sunday at a quarter before eleven o'clock in the College Church. All students, not excused to attend elsewhere, are required to be present. There are class prayer-meetings and Bible classes on Sunday and a prayer-meeting on Thursday evening. A communion service is held in the College Church three times during the year.

PHYSICAL CULTURE

The department of hygiene and physical education is under the charge of two physicians, who keep themselves acquainted with the health of all the students. Soon after he enters College,

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	{	First year, second semester	4.00
	{	Second year, first semester	10.00
	{	Second year, second semester	7.50
	{	Third year, each semester	15.00

These fees must be paid on or before the first day of the semester for which they are charged. Dues for breakage must be paid at the close of the semester.

EXPENSES

The following table shows three scales of annual expenditures, omitting clothing, vacation expenses, laboratory charges, membership of societies, and incidentals:—

	Low	Moderate	Liberal
Tuition	\$110	\$110	\$110
Room (one-half)	35	55	75
Furniture (annual average)	10	20	30
Board thirty-six weeks	126	144	180
Fuel and light	10	15	25
	\$291	\$344	\$420

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and twice thereafter during his collegiate course, each student is minutely examined in reference to his strength and physical condition, and advised as to any particular course he should take for the maintenance and increase of his health and strength. A manual of average measurements, together with a record of his own measurements, is given him; also he is directed to the more advantageous use of the ample appliances with which the Pratt Gymnasium and athletic field are provided.

Besides the exercises which every student may take by himself, the members of each class except Seniors regularly exercise together in the gymnasium four times every week, during the Autumn and Winter terms. Unless excused for physical disability, the attendance of every student is required at the gymnasium for the performance of these exercises in light gymnastics.

The results of this system of prescribed gymnastic training pursued in the College have been eminently satisfactory. While hygienists affirm that, as a general rule, the health of a young man from fifteen to twenty-five years of age is apt to decline, the reverse rule is found to prevail with students here. From statistics systematically kept for more than thirty years, it appears that the health of an Amherst College student is likely to grow better each year of his collegiate course. The average health of the Sophomore class is better than that of the Freshman; and of the Junior, better than that of the Sophomore; and of the Senior class, best of all. Moreover, this average is shown to come from improvement in the physical condition of the individual student, and not from absence of those who drop out of the course because physically too weak to complete it.

Degrees

DEGREE OF BACHELOR OF ARTS

CANDIDATES for the degree of Bachelor of Arts are required to complete, in addition to the studies of Freshman year, twenty-eight semester-courses. Those candidates who present for admission both ancient languages are required to study those languages the first year. Those who present, in addition to Latin and Greek, a modern language, elementary and advanced, may elect that language the first year, instead of one of the ancient languages. Those who present for admission one ancient language are required to study that language through the first year. Diplomas are graded as *rite*, *cum laude*, *magna cum laude*, *summa cum laude*, according to scholarship.

DEGREE OF BACHELOR OF SCIENCE

Candidates for the degree of Bachelor of Science are required to complete, in addition to the studies of Freshman year, twenty-eight semester-courses. Besides the mathematics of Freshman year they shall complete twelve semester-courses in natural sciences, mathematics and economics, of which not more than two may be economic courses. They shall complete also second year German and second year of a Romance language. Diplomas are graded as *rite*, *cum laude*, *magna cum laude*, *summa cum laude*, according to scholarship. A student who presents advanced Latin among the requirements for entrance to the Scientific course may become a candidate for the degree of Bachelor of Arts by electing the Latin courses of Freshman year.

DEGREE OF MASTER OF ARTS

The degree of Master of Arts will be conferred upon Bachelors of Arts of Amherst College who have spent a year in resi-

dence at the college, pursuing a systematic course of liberal, non-professional study, approved by the committee on degrees. Proficiency will be tested by examination or by examination and thesis, as may be determined by the professors under whose direction studies are pursued.

The degree will be conferred upon Bachelors of Arts of this college who have been one year in residence at another college and have fulfilled the requirements indicated in the preceding paragraph.

The degree will be conferred upon Bachelors of Arts of this college, not in residence at the college, who, not less than three years after graduation, have completed a course of liberal, non-professional study approved by the committee on degrees. Proficiency will be tested by examination or by examination and thesis on a subject approved by the Faculty.

Those who complete, at the end of the first semester of Senior year, the requirements for the degree of Bachelor of Arts, may apply the remainder of the year to studies leading to the degree of Master of Arts and finish their studies in non-residence the following year, receiving the degree one year after graduation.

Every resident candidate must register his name and subjects of study with the Registrar not later than October first.

Every non-resident candidate shall register his name and subjects with the Registrar not later than October first preceding the Commencement when the degree is conferred.

Every candidate who completes the requirements for the Bachelor's degree at the end of the first semester of Senior year and applies the remainder of the year to studies leading to the Master's degree shall register his name and subjects not later than December first.

Every resident candidate shall pay the regular tuition for each term of residence, and a diploma fee of five dollars. Every non-

resident candidate shall pay a fee of ten dollars for examination and diploma.

Communications relative to the requirements for the degree should be addressed to Professor John F. Genung, Chairman of the Committee on Degrees.

SPECIAL COURSE

Special students shall take as many courses as are taken by regular students. The first year they shall study the modern language in which they are prepared, and the required studies of Freshman year for which they are prepared, unless any of those studies have been taken already. Other studies may be chosen from Biology, Chemistry, Physics, Modern Languages, and History. After the first year all studies are elective.

Fellowships

THE ROSWELL DWIGHT HITCHCOCK MEMORIAL FELLOWSHIP

Of two hundred and fifty dollars, offered by the Alpha Delta Phi Fraternity, will be awarded annually to a member of the Senior class for excellence in history and the social and economic sciences, under conditions determined by the Faculty. The holder of the Fellowship pursues for one year, at an institution approved by the Faculty, a course of study in history or economics, to be completed within the period of two years next following graduation. The amount of the Fellowship is paid in two instalments, one on completion of one-half the year's work, the other at the end of the year.

THE RUFUS B. KELLOGG UNIVERSITY FELLOWSHIP

The gift of the late Rufus B. Kellogg of Green Bay, Wisconsin, awards the income of about thirty thousand dollars for seven years to an alumnus of Amherst College, who shall be appointed upon the following conditions:—

(1) He shall be selected by the Faculty from the members of the class graduated at the close of the academic year in which this election shall be made, or from the members of the classes graduated in the six years immediately preceding the academic year in which this election shall be made.

(2) The Faculty shall select as the incumbent of the said Fellowship the man who, in their judgment, is best equipped for study and research, without regard to any other consideration whatsoever, except that he shall have an especially good knowledge of the Latin and German languages.

(3) The first three years of the term of seven years the incumbent shall spend at a German university (or with the approval of the Faculty of Amherst College, at any other place or places), in the study of philosophy, philology, literature, history, political science, political economy, mathematics, or natural science. The last four years of the term of seven years shall be spent as a lecturer at Amherst College. But the incumbent shall not give more than thirty lectures per annum, and shall not be required to reside at Amherst more than one college term of any year. The lectures shall be upon a subject selected by himself and approved by the Trustees; and the incumbent shall cause the lectures to be published at the end of his official term in good book form. He shall have no occupation or employment during the period of his Fellowship, except such as pertains to the duty of his Fellowship.

The Fellowship was established in 1892. The first incumbent was Arthur H. Pierce, PH.D., of the class of 1888, who was appointed Kellogg Fellow in 1893, studied at the Universities of Berlin, Strassburg and Paris three years, lectured at Amherst College four years on Psychology, and published "Studies in Space Perception," 1901. He is now professor of Psychology in Smith College. The present (second) incumbent is Frank Otis Reed, Ph.D. of the class of 1899, who was appointed Kellogg Fellow in 1900, has pursued studies in the Romance Languages at Madrid and Paris, and has lectured at Amherst College three years.

THE EDWARD HITCHCOCK FELLOWSHIP IN PHYSICAL EDUCATION

This fellowship was founded by Mrs. Frank L. Babbott of Brooklyn, N. Y., in order to promote graduate study in the department of physical education. It is conferred by appointment of the Faculty and pays the holder five hundred dollars per annum. Its object is to make the student familiar with the

best methods of physical training, both in the gymnasium and on the field.

THE SOUTH END HOUSE FELLOWSHIP

Of five hundred dollars, is provided by alumni of Boston and vicinity. The incumbent is in residence one year at the South End House, Boston, for the purpose of investigating social conditions and rendering service according to the methods of a university settlement. The appointment is made by the Trustees of the College.

Honors

COMMENCEMENT EXERCISES

The six Seniors who have attained the highest general standing are appointed to deliver orations on Commencement day. The Bond prize of one hundred dollars is awarded to the speaker who delivers the best oration.

THE PHI BETA KAPPA SOCIETY

Those who at the end of the first semester of Junior year have attained a general standing represented by eighty-eight or more, on the scale of one hundred, are, on recommendation of the Faculty, elected members of the Phi Beta Kappa Society. Those who after the first semester of Senior year attain a general standing represented by eighty-five or more are elected members of the society.

Beginning with the Class of 1908 the standing for first drawing is ninety instead of eighty-eight, and for second drawing eighty-eight instead of eighty-five.

FINAL HONORS AT GRADUATION

Final honors in a single department of study are awarded for special work involving collateral reading or investigation under the following conditions:

(1) The candidate must complete the last four semester-courses. The three semester-courses in modern Government may be grouped with one semester in History, Philosophy, or Economics, in which a standing of eighty must be maintained. In History the Junior courses 3 and 4 may be reckoned as two of the last four courses. The special work of collateral reading or investi-

gation is to be done in the last two courses. No student may be a candidate in more than one department, except by vote of the Faculty.

(2) The candidate must have at graduation an average standing of not less than eighty in all studies of the college course; a standing of not less than seventy-five in every study of Senior year, and of ninety in the last year of study in the department in which the honor is sought.

(3) The proficiency of the candidate is tested by special examination or by a thesis, or by both, at the end of Senior year.

(4) The names of successful candidates are announced at Commencement and in the annual catalogue.

(5) Notice of intention to become a candidate must be given to the Registrar by October 10th of the Senior year.

(6) One unit is added to the total average rank of a student who takes final honors. If honors are taken in more than one department, only one unit is added to rank.

HONORABLE MENTION

(1) There must be a standing of not less than eighty in every department for the year.

(2) An average of ninety-three must be maintained for a full year's course in the department in which honorable mention is sought.

The names of those who have honorable mention will be announced in the annual catalogue.

Prizes

THE following prizes are offered annually for proficiency in the work of several of the departments of collegiate study:—

GREEK

The Hutchins Prize, of fifty dollars, to the best scholar in Greek at the end of the Junior year, given by the late Hon. Waldo Hutchins of New York. The scholarship is determined chiefly by the regular recitations and examinations of the department, but special studies and examinations may also be required of the candidates.

LATIN

The Bertram Prizes, of fifty, thirty, and twenty dollars respectively, given by the late John Bertram of Salem. These prizes will be awarded for the best essays by Seniors upon the beginnings of Latin philosophical literature and of Latin Christian literature, as illustrated by the *De Rerum Natura* of Lucretius, and the *Liber Apologeticus* of Tertullian, with an excursus on the civilization and language of Roman Africa in the second century A.D.

The Billings Prizes, of forty, twenty, and ten dollars, given by the late Parmly Billings of Billings, Montana, for excellence in the Latin of the Senior year.

The Law Latin Prizes, one of fifteen dollars, and one of ten dollars, for excellence in the Law Latin of the Senior year.

The Thompson Prizes, of fifty, twenty-five, and ten dollars respectively, given by the Rev. Walter Thompson of Garrison's, New York, for the highest scholarship in the Latin of the Junior year, together with special work.

The Sophomore Prizes, one of twenty dollars and one of ten dollars, for the best examinations on portions of the work especially connected with the study of Latin Philology, together with general excellence in the work of the year.

The Freshman Prizes, one of twenty dollars and one of ten dollars, for the highest scholarship in the work of Freshman year. The award will generally be determined by the regular recitations and examinations, but a special examination may be required.

ENGLISH

The Kellogg Prizes, one of fifty dollars to a member of the Sophomore class, and one of fifty dollars to a member of the Freshman class, given by the late Rufus B. Kellogg of Green Bay, Wisconsin, for excellence in declamation.

The Hardy Prizes, the first prize of thirty dollars, the second prize of twenty dollars, given by the late Alpheus Hardy of Boston, for improvement in extemporaneous speaking. These prizes are awarded in Commencement week.

The Hyde Prize, of one hundred dollars, given by Benjamin D. Hyde of Boston, in memory of his father, Henry D. Hyde, for many years a Trustee of Amherst College, to that member of the Senior class who produces the best oration. Both composition and delivery are considered in making the award.

The Bond Prize, of one hundred dollars, given by the late Ephraim W. Bond of Springfield, for the best production spoken on the Commencement stage. The award is determined by the Trustees, or by a committee whom they may appoint.

The Kent Prize in English Literature, of one hundred dollars, given by Daniel Kent of Worcester, for the best essay upon an assigned subject. The essay for 1907 may be written upon any one of the following subjects : (1) The place of Poe in American Literature ; (2) Shelley as a Poet of Nature ; (3) The Poetry of Swinburne.

The Ladd Prizes, of fifty dollars in books, given by J. W. Ladd of Portland, Oregon, to members of the class in public speaking who excel in oratorical composition the first semester of Junior year.

The Armstrong Prizes, of one hundred dollars in books, given by Collin Armstrong of New York, in memory of his mother, Miriam Collin Armstrong, to members of the Freshman Class who excel in composition.

The Hagen Prize in English Literature, of fifty dollars, given by Winston H. Hagen of New York. For the year 1906-1907 the prize will be assigned for the best work in either of the English courses 9 and 10, 13 and 14, together with the best examination upon certain special work in the English drama or in English poetry.

BIBLICAL LITERATURE

The Boynton Term Prizes of thirty dollars, given by the family of the late Eleazar Boynton of Medford, to encourage personal study and investigation of the Bible. These prizes are divided into two of fifteen dollars each, and are awarded, one at the end of each semester, to the student who writes the best essay on an assigned topic covering the work of the semester. No award will be made in case all the essays submitted are found unsatisfactory.

MATHEMATICS, PHYSICS, AND ASTRONOMY

The Walker Prizes, given by the late William J. Walker of Newport, Rhode Island.

Two prizes, one of fifty and one of thirty dollars, are awarded for excellence in the mathematics of the first year.

Two prizes, one of eighty and one of forty dollars, are awarded for excellence in the mathematics of the second year.

The award in each case is determined by an examination.

The Porter Prizes, one of twenty dollars for excellence in physics and one of ten dollars in astronomy, given by the late Eleazar Porter of Hadley. These awards are made at the conclusion of the collegiate course, and are determined by the record of all recitations and examinations in these departments.

The A. C. James Navigation Prize of fifty dollars, for highest excellence in the course in navigation.

NATURAL SCIENCE

The Shepard Mineralogical Prizes of mineralogical specimens, valued respectively at fifteen, eight, six, and five dollars, given by the late Professor Charles U. Shepard, to members of the Senior class for greatest excellence in the department of mineralogy.

The Sawyer Prize, a gold medal of the value of fifty dollars, given by the late Edmund H. Sawyer of Easthampton, for the best work in human anatomy and physiology.

The A. Lyman Williston Prize of fifteen and ten dollars, given by A. Lyman Williston of Northampton, to those members of the Freshman class who take the best series of lecture notes in the course on personal hygiene.

THE PORTER ADMISSION PRIZE

The Porter Admission Prize of fifty dollars, given by the late Eleazar Porter of Hadley, to the candidate who passes the best examination for admission to the Freshman class. The name of the successful candidate, together with that of the school at which or the instructor with whom he prepared for college, is published in the catalogue.

OTHER PRIZES

The Leland Prize of one hundred dollars, given by Dr. George A. Leland of Boston, to the class which, during the year, shall most faithfully discharge its duties in the gymnasium, and carry out most fully the instructions of the Professor of Hygiene.

The Ladd Prizes, the sum of one hundred dollars, given by William M. Ladd of Portland, Oregon, to be divided among undergraduate members of the College, for excellence in heavy gymnastic exercises at the annual exhibition.

The Woods Prize of sixty dollars, given by the late Josiah B. Woods of Enfield, for general culture and improvement. This prize is awarded at the conclusion of the course.

Dante Prize: an annual prize of one hundred dollars is offered by the Dante Society of America for the best essay by a student, or graduate of not more than three years' standing, on a subject drawn from the Life or Works of Dante. Competition for the prize is open to students and graduates of any college or university of the United States. Detailed information in regard to rules of competition and choice of subjects may be obtained from the professor of Romance Languages.

The Utter Prizes, one of sixty dollars and one of forty dollars, given by Governor George H. Utter of Rhode Island, for essays by Seniors and Juniors on the question, Arbitration as a practicable method for the adjustment of international controversies.

Scholarship and Beneficiary Aid

THE beneficiary funds of the College aggregate three hundred thousand dollars. Except as otherwise provided by the donors, the income of these funds is distributed annually by a committee of the Faculty, among students of high character and good scholarship who need pecuniary aid.

In this distribution the following general rules are observed : —

No aid from beneficiary funds is given to (*a*) students who fail to maintain a high standard of honor in college life ; (*b*) students who are delinquent in any subject at the time of their application ; (*c*) students whose average rank for the year preceding their application has been below seventy per cent ; (*d*) students whose habits are not economical ; (*e*) students who enter the College for special courses of study, without reference to a degree.

Awards from beneficiary funds are paid in two instalments on the first of October and March respectively, when the college term-bills become due ; but the second instalment of these awards is payable only on condition that the applicant is free from all delinquencies in his college work at the end of the first semester.

The receipt of financial assistance for a given year establishes no claim to a subsequent award.

Applicants for beneficiary aid in the three upper classes must file at the Registrar's office before the first of October a certified statement of their resources for the current academic year, together with three letters of recommendation, giving evidence of their need, attainments, and character. In place of the above specified letters of recommendation, applicants for the renewal of such aid must present a certified account of their expenditures and income for the year preceding their application.

Upon nomination by the principal or teacher who prepared them for college, a limited number of applicants of exceptional

ability and good character may be assured, in advance of the opening of the college year, of awards varying from fifty to one hundred dollars, according to their need and attainments. Candidates for the Christian ministry may be assured of awards covering full tuition. Awards are not payable unless the applicant is free from entrance conditions on the first of October. Blanks for scholarship applications may be obtained of the Registrar; and applications must be accompanied by three letters of recommendation, giving evidence of the applicant's character and attainments, and of his need of pecuniary aid. No awards to the entering class will be announced before the first of May.

Awards are made from the income of the following funds:—

The Charitable Fund, \$90,000, primarily in aid of those studying for the Christian ministry. Any surplus income may be awarded to other students in the classical course.

The Stone Educational Fund, \$25,000.

The Class of 1871 Scholarship Fund, \$25,000, established by a member of the Class.

The William Hilton Scholarship Fund, \$17,500, the bequest of William Hilton of Boston.

The Whitcomb Scholarship Fund, \$12,000, established by David Whitcomb and G. Henry Whitcomb of Worcester.

The Hitchcock Scholarship Fund, \$10,000, established by Samuel A. Hitchcock of Brimfield.

The Emerson Gaylord Scholarship Fund, \$6000, the bequest of Emerson Gaylord of Chicopee. Preference is given to graduates of the Chicopee High School.

The Day Benevolent Fund, \$5000, the bequest of Moses Day of Boston.

The Seymour Scholarship Fund, \$5000, the bequest of James S. Seymour of Auburn, New York.

The John E. Sanford Class-of-1851 Scholarship Fund, \$5000, established by John E. Sanford of Taunton.

The Harry Wilbur Scholarship Fund, \$5000, established by his parents in memory of Harry L. Wilbur of the Class of 1884.

The Farnsworth Scholarship Fund, \$3000, established by Isaac D. Farnsworth of Boston.

The Knowles Scholarship Fund, \$3000, the bequest of Lucius J. Knowles of Worcester.

A Scholarship Fund, \$3000, established by a friend of the College.

The Reed Scholarship Fund, \$2500, the bequest of Charles Thayer Reed of Boston, in memory of his son, Charles Thayer Reed, Jr.

The Harold Ely Morse Memorial Scholarship Fund, \$2500, established by the family of Professor Anson D. Morse.

The Class of 1877 Scholarship Fund, \$2500, established by the Class.

The Persian Scholarship Fund, \$2000, the bequest of Rev. James L. Merri-
rick of Amherst.

The Charles Merriam Scholarship Fund, \$2000, established by Charles
Merriam of Springfield.

The Quincy Tufts Scholarship Fund, \$2000, the bequest of Quincy Tufts
of Boston.

The Henry H. Goodell Class-of-1862 Scholarship Fund, \$2000, estab-
lished by the Class in memory of their classmate whose name it bears.

The Borden Scholarship Fund, \$2000, the bequest of Samuel Augustus
Borden of Boston.

The Anderson Scholarship Fund, \$2000, the bequest of Samuel Augustus
Borden of Boston.

The W. Eugene Kimball Scholarship Fund, \$2000, established by
Robert J. Kimball of Brooklyn, New York.

The Morse Scholarship Fund, \$2000, established by Charles L. Morse of
Brooklyn, New York, of the class of 1901.

The Draper Scholarship Fund, \$2000, established by Warren F. Draper
of Andover, of the class of 1847.

The Class of 1855 Scholarship Fund, \$1100, established by the Class.

The Alexander H. Bullock Scholarship Fund, \$1500, established by
Alexander H. Bullock of Worcester, of the Class of 1836.

The Class of 1836 Scholarship Fund, \$1500, established by the Class.

The Class of 1853 Scholarship Fund, \$1500, established by the Class.

The Class of 1871 Scholarship Fund, \$1400, established by the Class.

The Class of 1826 Scholarship Fund, \$500, established by two members
of the Class.

The Class of 1844 Scholarship Fund, \$500, established by three members
of the Class.

Scholarship funds of \$1000 each as follows:—

The Levi Russell Scholarship Fund, established by Levi Russell of Hadley.

The Tuttle Scholarship Fund, the bequest of Mrs. Sarah Tuttle of Wayland.

The George Cook Scholarship Fund, established by George Cook of
Keene, New Hampshire, of the Class of 1841.

The Enos Dickinson Scholarship Fund, established by Enos Dickinson of
Amherst.

The John C. Newton Scholarship Fund, established by John C. Newton
of Worcester.

The James H. Newton Scholarship Fund, established by James H. Newton of Holyoke.

The Johnson Class-of-1823 Scholarship Fund, established by A. J. Johnson of New York City.

The Southworth Class-of-1822 Scholarship Fund, established by Wells Southworth of New Haven, Connecticut.

The Joseph Carew Scholarship Fund, established by Joseph Carew of South Hadley.

The Gregory Class-of-1850 Scholarship Fund, established by James J. H. Gregory of Marblehead.

The Dolly Coleman Blake Scholarship Fund, the bequest of Dolly Coleman Blake of Boston.

The Miller Scholarship Fund, established by Mrs. S. P. Miller of Montclair, New Jersey, in memory of her son, J. C. B. Miller, of the Class of 1869.

The Green Scholarship Fund, the bequest of Rev. Henry Solomon Green of Andover, of the Class of 1834, as a memorial gift from himself and H. M. Green of the Class of 1865.

The Thomas Hale Scholarship Fund, established by Mrs. Alice T. March of Newburyport.

The Mary W. Hyde Scholarship Fund, the bequest of Mary W. Hyde of Boston.

The Sarah B. Hyde Scholarship Fund, the bequest of Sarah B. Hyde of Boston.

The W. S. Tyler Class-of-1830 Scholarship Fund, the bequest of Professor William Seymour Tyler of Amherst.

The Class Scholarship Funds, established by and bearing the names, respectively, of

The Class of 1831	The Class of 1852	The Class of 1858
The Class of 1839	The Class of 1855	The Class of 1861
The Class of 1845	The Class of 1856	The Class of 1865
The Class of 1849	The Class of 1857	The Class of 1869

The Composite Scholarship Fund, established jointly by the following Classes :—

The Class of 1829	The Class of 1838	The Class of 1867
The Class of 1835	The Class of 1866	The Class of 1870

The Emily B. Ripley Scholarship Fund, the bequest of Emily B. Ripley of Royalston.

Funds yielding the following amounts annually :—

The Moore Scholarships, four of \$140 each, established by Rev. Zephaniah Swift Moore, D.D., first president of the College.

The State Scholarships, three of \$110 each, covering full tuition.

The Adams Scholarships, three of \$40 each, the bequest of Asahel Adams of North Brookfield.

Also the following scholarships maintained by annual gifts : —

The Sayles Scholarship, \$100, given by Fred Thomas Sayles of the Class of 1881.

The A. Lyman Williston Scholarship, \$50, given by A. Lyman Williston of Northampton.

Student Loan Fund

THROUGH the liberality of a friend of the College, provision is made for loans of a limited amount to a few students in the later years of the course, at a low rate of interest, upon notes acceptably endorsed and payable one or two years after graduation. The conditions made by the donor of this Fund limit its use to the assistance of students of thorough scholarship, not preparing for the ministry, and whose habits of expenditure are economical.

A second fund provides for loans to students on similar terms, except that students for the ministry are not excluded.

Publications

THE annual catalogue is issued in December and is sent to all the alumni of the College, to all schools from which students are received, and to any who ask for it.

An address list of living alumni is issued once in two years.

An obituary record of graduates deceased during each year is issued Commencement week.

STUDENT PUBLICATIONS

The Y. M. C. A. Handbook, published and distributed annually by the Christian Association, contains information chiefly useful to new students.

A weekly paper, *The Amherst Student*, containing college news, account of games, notices of alumni, and discussion of college affairs, is issued by an editorial board of students.

The Literary Monthly, conducted by students, contains essays, poems, stories, and book notices.

The Olio, published annually by the Junior class, contains names of the members of fraternities, of officers and members of athletic, musical, literary, and dramatic organizations, of students receiving prizes and honors, and various matters of interest to the College.

Alumni Associations

The Society of the Alumni

(Annual Meeting in Commencement Week)

President: WILLIAM HAYES WARD, D.D., LL.D.

Vice-Presidents:

HERBERT L. BRIDGMAN

WILLIAM T. FORBES, Esq.

Professor JOHN M. TYLER

WILFORD L. ROBBINS, D.D., LL.D.

ROBERT A. WOODS

ARTHUR B. CHAPIN, Esq.

Secretary and Treasurer:

Professor DAVID TODD, Amherst

Chairman of Committee on Alumni Trustees:

Rev. LUCIUS H. THAYER, 122 State St., Portsmouth,
N. H.

Executive Committee:

Dr. EDWARD HITCHCOCK, '49

WALTER M. HOWLAND, Esq., '63

HENRY P. FIELD, Esq., '80

Professor JOSEPH O. THOMPSON, '84

Mr. ARTHUR CURTISS JAMES, '89

Mr. OLIVER B. MERRILL, '91

Mr. HERBERT L. PRATT, '95

Mr. ROBERT B. METCALF, '96

The Association of Boston and Vicinity

President: WILLIAM E. PARKER

Secretary: Mr. ROBERT B. METCALF, 93 Summer St.

The Amherst Association of New York

President: WILLIAM R. MEAD, LL.D.

Secretary: DWIGHT W. MORROW, Esq., 25 Broad St., New York

The Association of Lowell

President: Rev. JOHN M. GREENE, D.D.

Secretary: Mr. CHARLES W. MOREY, 14 Belmont St.

The Association of Central Massachusetts

President: Mr. CHARLES F. MARBLE

Secretary : WALTER C. SEELYE, M.D., 49 Pearl St., Worcester

The Association of Ohio

President: Rev. FRANCIS E. MARSTEN, D.D.

Secretary: TOD B. GALLOWAY, Esq., Columbus

The Amherst Club of Chicago

President: Mr. OSGOOD T. EASTMAN

Secretary: Mr. H. H. TITSWORTH, 849 First National Bank Building

The Association of Baltimore

President: Rev. ARTHUR C. POWELL

Secretary: Professor W. B. CLARK, Johns Hopkins University

The Northwest Association

President: Rev. LEAVITT H. HALLOCK, D.D.

Secretary: STUART W. WELLS, Wells & Dickey Co., Minneapolis, Minn.

The Connecticut Valley Association

President: Hon. ARTHUR B. CHAPIN

Secretary: Mr. WARREN F. HARDY, Springfield Union, Springfield

The Association of Philadelphia and Vicinity

President: TALCOTT WILLIAMS, LL.D.

Secretary: WALTER C. LONGSTRETH, Esq., 1540 Land Title Building

The Rocky Mountain Association

President: President W. F. SLOCUM, LL.D.

Secretary: EDWARD D. UPHAM, Esq., Denver

The Association of Rhode Island

President: Mr. GEORGE E. CHURCH

Secretary: W. B. GREENOUGH, Esq., 32 Westminster St., Providence

The Association of Southern California

President: Rev. WILLIAM H. DAY

Secretary: Mr. WILLIAM C. MARBLE, National Bank of California, Los Angeles

The Association of St. Louis

President: Mr. LUTHER E. SMITH

Secretary: Mr. EUGENE S. WILSON, Security Building

The Association of Central New York

President: Mr. EDWARD D. BLODGETT

Secretary: Mr. J. EDWARD BANTA, Binghamton

The Association of Western New York

President: Dr. GEORGE R. CRITCHLOW

Secretary: Mr. CHARLES J. STAPLES, 727 Ellicott Sq., Buffalo

The Association of Arizona

President: Mr. STUART W. FRENCH, Douglas

The Association of Cleveland and Vicinity

President: Mr. WILLIAM E. BYRNES

Secretary: Mr. CHARLES W. DISBROW, University Club, Cleveland

The Phi Beta Kappa Society

President: Professor EDWARD P. CROWELL, D.D.

Corresponding Secretary:

Professor EDWIN A. GROSVENOR, LL.D.

Recording Secretary:

Mr. EDGAR W. BURRILL

RAILROAD CONNECTIONS

The Boston and Maine Railroad (Central Massachusetts division), between Boston and Northampton, passes through Amherst.

The Central Vermont Railroad, connecting at Palmer with the Boston and Albany Railroad, passes through Amherst.

There are electric street railways from Amherst to Northampton, Holyoke, Sunderland, and Pelham.

SPECIAL RAILROAD RATES AT COMMENCEMENT

The College expects to be able to secure special railroad rates on the certificate plan for those who attend the exercises of the Commencement season. Information concerning this matter can be obtained in May or June from secretaries of classes and alumni associations.

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JOHN CREER
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Amherst College Catalogue



1907-1908

AMHERST COLLEGE CATALOGUE

Amherst College Catalogue

For the Year
1907-1908



Amherst ❧ Massachusetts
Published by the College

1907

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College Calendar

1907

September	16-19,	Examinations for admission	Monday to Thursday
September	19,	Beginning of the College Year	11.30 A.M. Thursday
October	10,	Mountain Day, a holiday	Thursday
November	28-29,	Thanksgiving Recess	Thursday and Friday
December	18,	Christmas Recess begins	12.20 P.M. Wednesday

1908

January	2,	Christmas Recess ends	8.15 A.M. Thursday
Jan. 28-Feb.	6,	Semi-annual Examinations	

February	7,	Second Half-Year begins	Friday
February	9,	Day of Prayer for Colleges	Sunday
February	22,	Washington's Birthday, a holiday	Saturday
March	11,	Ladd and Leland Gymnastic Exhibition	Wednesday
March	26,	Spring Recess begins	12.20 P.M. Thursday
April	8,	Spring Recess ends	8.15 A.M. Wednesday
May	30,	Memorial Day, a holiday	Saturday
June	8-11,	Senior Examinations	
June	12-20,	Semi-annual Examinations	
June	16-19,	Examinations for admission	Tuesday to Friday
June	21,	Baccalaureate Sermon	Sunday
June	22,	Kellogg Prize Declamations	Monday evening
June	23,	Class Day	Tuesday
June	23,	President's Reception	Tuesday afternoon
June	23,	Hyde Prize Orations	Tuesday evening
June	24,	Commencement Exercises	Wednesday forenoon
June	24,	Alumni Dinner	Wednesday afternoon

SUMMER VACATION OF THIRTEEN WEEKS

September	21-24	Examinations for admission	Monday to Thursday
September	24,	Beginning of the College Year	11.30 A.M. Thursday
December	23,	Christmas Recess begins	12.20 P.M. Wednesday

Organization

AMHERST COLLEGE was opened September 19, 1821, and forty-seven students were then admitted into the four regular classes. Its charter, received February 21, 1825, confers upon the Corporation the right to perpetuate itself, together with the privileges usually granted to the trustees of such institutions. It provides that the number of trustees shall never be greater than seventeen, seven of whom shall be clergymen and ten laymen, and that the five vacancies first occurring shall thenceforth be filled by the joint ballots of the Legislature of Massachusetts, in convocation of both Houses. This provision was maintained for nearly fifty years, until the Legislature, by an Act passed, and approved by the Governor April 28, 1874, conferred the power of filling these five vacancies upon the Alumni, by whom it is now exercised in accordance with rules adopted by the Board of Trustees in concurrence with the Society of the Alumni. The corporate name of the Institution is the Trustees of Amherst College.

The general government of the College is vested in the Board of Trustees. Its immediate direction is vested in the Faculty, who are empowered by the Trustees to determine the topics and order and method of study, and to make such rules as may be deemed necessary for the best regulation of the College.

Corporation

GEORGE A. PLIMPTON, B.A. . . . New York, N. Y.

President of the Corporation

HON. JOHN E. SANFORD, LL.D.* . . . Taunton, Mass.

President of the Corporation, 1899-1907

REV. GEORGE HARRIS, D.D., LL.D. . . . Amherst, Mass.

President of the College

PROFESSOR WILLISTON WALKER, D.D. . . . New Haven, Conn.

Secretary of the Corporation

G. HENRY WHITCOMB, M.A. . . . Worcester, Mass.

REV. WILLIAM HAYES WARD, D.D., LL.D. . . . New York, N. Y.

CHARLES M. PRATT, M.A. . . . Brooklyn, N. Y.

HON. CHARLES H. ALLEN, LL.D. . . . Lowell, Mass.

ARTHUR H. DAKIN, M.A. . . . Boston, Mass.

MASON W. TYLER, M.A.† . . . Plainfield, N. J.

REV. HENRY H. KELSEY, M.A. . . . Hartford, Conn.

REV. L. MASON CLARKE, D.D. . . . Brooklyn N. Y.,

ARTHUR CURTISS JAMES, M.A. . . . New York, N. Y.

JOHN W. SIMPSON, LL.D. . . . New York, N. Y.

REV. CORNELIUS H. PATTON, D.D. . . . Boston, Mass.

DEAN WILFORD L. ROBBINS, D.D., LL.D. . . . New York, N. Y.

EDWIN F. BAYLEY, B.A. . . . Chicago, Ill.

WALTER M. HOWLAND, M.A. . . . Amherst, Mass.

Treasurer of the Corporation

* Died October 11, 1907.

† Died July 2, 1907.

Overseers of the Charitable Fund

REV. JOHN M. GREENE, D.D. Lowell, Mass.

M. FAYETTE DICKINSON, M.A. Boston, Mass.

PROFESSOR WILLIAM B. GRAVES, M.A. . . . Andover, Mass.

JOHN C. HAMMOND, M.A. Northampton, Mass.

REV. ROBERT M. WOODS, D.D. Hatfield, Mass.

LEWIS W. WEST, B.A. Hadley, Mass.

REV. JAMES W. BIXLER, D.D. New London, Conn.

WALTER M. HOWLAND, M.A., *Commissioner*

Faculty

GEORGE HARRIS, D.D., LL.D., *President of the College*
61 South Pleasant St.

EDWARD PAYSON CROWELL, D.D., *Moore Professor of the Latin
Language and Literature* 21 Amity St.

EDWARD HITCHCOCK, M.D., LL.D., *Parmly Billings Professor of
Hygiene and Physical Education, and Dean of the Faculty*
12 College St.

WILLIAM COLE ESTY, LL.D., *Professor Emeritus of Mathematics
and Astronomy* 16 South Pleasant St.

ELIJAH PADDOCK HARRIS, PH.D., LL.D., *Professor Emeritus of
Chemistry* 23 Woodside Ave.

BENJAMIN KENDALL EMERSON, PH.D., *Hitchcock Professor of
Mineralogy and Geology* 21 Northampton Road

ANSON DANIEL MORSE, LL.D., *Professor Emeritus of History*
24 Northampton Road

JOHN MASON TYLER, PH.D., *Stone Professor of Biology*
8 Tyler Place

DAVID TODD, PH.D., *Professor of Astronomy and Navigation,
Director of the Observatory, and Secretary of the Faculty*
16 Snell St.

Amherst College

JOHN FRANKLIN GENUNG, PH.D., D.D., *Professor of Literary and
Biblical Interpretation* 6 College St.

WILLIAM LYMAN COWLES, M.A., *Professor of Latin*
20 Northampton Road

ARTHUR LALANNE KIMBALL, PH.D., *Professor of Physics*
25 Woodside Ave.

GEORGE DANIEL OLDS, LL.D., *Walker Professor of Mathematics*
3 Orchard St.

EDWIN AUGUSTUS GROSVENOR, LL.D., *Professor of Modern Govern-
ment and International Law* 9 College St.

HARRY DE FOREST SMITH, M.A., *John C. Newton Professor of Greek*
5 College St.

GEORGE BOSWORTH CHURCHILL, PH.D., *Professor of English
Literature* 25 Spring St.

WILLIAM ALBERT NITZE, PH.D.,* *Professor of Romance Languages*
63 South Pleasant St.

THOMAS CUSHING ESTY, M.A., *Professor of Mathematics*
16 South Pleasant St.

WILLIAM PINGRY BIGELOW, M.A., *Professor of Music*
31 North Pleasant St.

ARTHUR JOHN HOPKINS, PH.D., *Professor of Chemistry*
2 South Pleasant St.

* Absent on leave.

Faculty

11

JAMES WALTER CROOK, PH.D., *Professor of Economics*

1 College Ave.

LEVI HENRY ELWELL, M.A., *Associate Professor of Greek, and
Instructor in Sanskrit*

5 Lincoln Ave.

JOSEPH OSGOOD THOMPSON, PH.D., *Associate Professor of
Physics*

31 North Pleasant St.

PAUL CHRYSOSTOM PHILLIPS, M.D., *Associate Professor of Hygiene
and Physical Education*

1 Gaylord St.

HERBERT PERCIVAL GALLINGER, PH.D., *Associate Professor of
History*

31 Northampton Road

FREDERIC BREWSTER LOOMIS, PH.D., *Associate Professor of
Biology*

8 Orchard St.

JOHN ERSKINE, PH.D., *Associate Professor of English*

19 Main St.

WILLIAM JESSE NEWLIN, M.A., *Associate Professor of Philosophy*

10 Tyler Place

CLARENCE WILLIS EASTMAN, PH.D., *Associate Professor of the
German Language and Literature*

18 Northampton Road

FREDERIC LINCOLN THOMPSON, M.A., *Associate Professor of
History*

25 North Pleasant St.

ELIOT SNELL HALL, PH.D., *Associate Professor of Chemistry*

99 South Pleasant St.

Amherst College

RICHARD FRANCIS NELLIGAN, *Assistant Professor of Hygiene and Physical Education*
11 Sunset Ave.

ARTHUR HENRY BAXTER, PH.D., *Assistant Professor of Romance Languages*
34 Lincoln Ave.

JOHN CORSA, M.A., *Assistant Professor of Logic and Public Speaking*
3 Northampton Road

STANLEY LEMAN GALPIN, PH.D., *Instructor in Romance Languages*
22 Northampton Road

HAROLD LOOMIS CLEASBY, PH.D., *Instructor in Latin*
19 Main St.

ALFRED SHEPARD GOODALE, B.A., *Instructor in Botany, and Registrar*
South Amherst

ROBERT PALFREY UTTER, PH.D., *Instructor in English*
83 South Pleasant St.

OTTO MANTHEY-ZORN, PH.D., *Instructor in German*
63 South Pleasant St.

HENRY CARRINGTON LANCASTER, PH.D., *Instructor in Romance Languages*
19 Main St.

HOWARD WATERS DOUGHTY, PH.D., *Instructor in Chemistry*
40 North Pleasant St.

LAURENCE HOUGHTON PARKER, B.A., *Walker Instructor in Mathematics*
2 South Prospect St.

Faculty

13

WILLIAM ISAAC FLETCHER, M.A., *Otis Librarian*

54 North Pleasant St.

CALVIN WHITTEN FOSS, B.L., *Assistant Librarian*

17 Amity St.

HARRY WELTON KIDDER, B.A., *Assistant to the Treasurer*

10 Orchard St.

PROFESSOR FREDERICK J. E. WOODBRIDGE, LL.D., of Columbia University, *Lecturer on the History of Philosophy*

PROFESSOR FRANK W. TAUSSIG, LL.D., of Harvard University, *Henry Ward Beecher Lecturer on Economics*

Committees of the Faculty

Administration: The PRESIDENT, Professors KIMBALL, COWLES, SMITH, BIGELOW.

Library: The PRESIDENT, Professors CROOK, ESTY, HOPKINS, COWLES, CHURCHILL, NEWLIN, the TREASURER.

Catalogue: The PRESIDENT, Professors HITCHCOCK, SMITH, ERSKINE.

Entrance Examinations: Professors COWLES, KIMBALL, ESTY, CHURCHILL, ELWELL, HOPKINS, EASTMAN, BAXTER, GALLINGER, the REGISTRAR.

Certificate Privilege: The PRESIDENT, Professors TYLER, CHURCHILL, HOPKINS.

Curriculum: The PRESIDENT, Professors EMERSON, HOPKINS, KIMBALL, OLDS, GENUNG, COWLES, SMITH, NITZE, BIGELOW, CROOK, GALLINGER, NEWLIN.

Scholarships: The PRESIDENT, Professors HITCHCOCK, TYLER, PHILLIPS.

Student Loan Fund: The PRESIDENT, Professor TODD, the TREASURER.

Monitors: Professors HITCHCOCK, CROWELL, the REGISTRAR.

Public Exhibitions: The PRESIDENT, Professors HITCHCOCK, GROSVENOR, CROOK, ESTY, LOOMIS.

Commencement: Professors HITCHCOCK, TODD, MR. KIDDER.

Degree of Master of Arts: Professors GENUNG, CROOK, ELWELL.

Alumni Teachers' Exchange: Professors TYLER, CHURCHILL, J. O. THOMPSON, ERSKINE, the REGISTRAR.

Athletic Board: Faculty members; Professors HITCHCOCK, PHILLIPS, SMITH.

College Preachers

1906-1907

Rev. ALBERT P. FITCH	Boston, Mass.
Rev. HERBERT A. JUMP	Brunswick, Me.
Rev. H. RUSSELL BATES	New York, N. Y.
Rev. ALEXANDER MCKENZIE, D.D.	Cambridge, Mass.
Rev. LYMAN ABBOTT, D.D.	New York, N. Y.
Pres. WM. DEW. HYDE, D.D., LL.D.	Brunswick, Me.
DEAN WILFORD L. ROBBINS, D.D.	New York, N. Y.
Rev. WILLIAM E. BARTON, D.D.	Oak Park, Ill.
Rev. A. W. VERNON	Hanover, N. H.
Rev. CHARLES W. MERRIAM	Greenfield, Mass.
Rev. HARLAN P. BEACH, D.D.	New Haven, Conn.
Rev. HENRY H. TWEEDY	Bridgeport, Conn.
Mr. ROBERT E. SPEER	New York, N. Y.
Rev. WILLIS H. BUTLER	Northampton, Mass.
Rev. HUGH BLACK	New York, N. Y.
Rev. LEAVITT H. HALLECK	Minneapolis, Minn.
Rev. JAY T. STOCKING	Newtonville, Mass.
Pres. WM. D. MACKENZIE, D.D.	Hartford, Conn.
Rev. ALLEN E. CROSS, D.D.	Boston, Mass.
Rev. JOHN T. STONE	Baltimore, Md.
Rev. JAMES W. BIXLER, D.D.	New London, Conn.
Rev. FRANK J. GOODWIN	Pawtucket, R. I.
Rev. NEHEMIAH BOYNTON, D.D.	Brooklyn, N. Y.
Rev. ROCKWELL H. POTTER	Hartford, Conn.
Rev. HENRY P. SCHAUFFLER	New York, N. Y.
Rev. ARTHUR P. HUNT	New York, N. Y.
Rev. L. MASON CLARKE, D.D.	Brooklyn, N. Y.
Rev. GEORGE A. GORDON, D.D.	Boston, Mass.
Rev. JOHN H. DENISON	Boston, Mass.

President HARRIS, Professors GROSVENOR and GENUNG

Fellows

PRESERVED SMITH, PH.D., *Rufus B. Kellogg University Fellow*
Berlin, Germany

PERCY ROBERT CARPENTER, B. A., *Edward Hitchcock Fellow, and*
Assistant to the Dean 18 Spring St.

BRUCE FAIRCHILD BARTON, B.A. (1907), *Roswell Dwight Hitch-*
cock Memorial Fellow in History Oak Park, Ill.

MASON WHITING TYLER, B.A. (1906), *Roswell Dwight Hitchcock*
Memorial Fellow in History Cambridge, Mass.

GEORGE EMERSON CARY, B.A., *South End House Fellow*
Boston, Mass.

Senior Class

Abbott, Donald Beardsley	<i>New York, N. Y.</i>	A Δ Φ House
Baily, Harold James	<i>Brooklyn, N. Y.</i>	B Θ Π House
Benedict, Gilbert Weed	<i>Fulton, N. Y.</i>	Θ Δ X House
Birdsall, Wilfred Thomas	<i>Philadelphia, Pa.</i>	A Δ Φ House
Birge, Julius Stanley	<i>St. Louis, Mo.</i>	X Ψ Lodge
Blanchard, Cecil King	<i>Quincy, Mass.</i>	Φ Γ Δ House
Brown, Harold Stuart	<i>Belmont, N. Y.</i>	Φ Δ X House
Burg, William Henderson	<i>St. Louis, Mo.</i>	Ψ T Lodge
Burns, George	<i>Brockport, N. Y.</i>	X Ψ House
Burt, Frank Allen	<i>Newton, Mass.</i>	Φ Γ Δ House
Burt, Philip Hunt	<i>Newton, Mass.</i>	Φ Γ Δ House
Callahan, James Henry	<i>Pittsfield, Mass.</i>	7 Parsons St.
Clough, Harry Linwood,	<i>Brockton, Mass.</i>	X Φ House
Cobb, Perry Rush	<i>Schoolcraft, Mich.</i>	69 South Pleasant St.
Curby, Kenneth Spargo	<i>St. Louis, Mo.</i>	Ψ T House
Danahey, Michael Ignatius	<i>Amherst, Mass.</i>	28 McClellan St.
Davis, Harry Willard	<i>Greenfield, Mass.</i>	Ψ T House
Delamater, John Oscar	<i>Poughkeepsie, N. Y.</i>	Ψ T House
Dewing, Edward Ogden	<i>Brooklyn, N. Y.</i>	Physics Laboratory
Dubreuil, Walter William	<i>Worcester, Mass.</i>	Θ Δ X House
Dudley, Henry Augustus	<i>Marlboro, Mass.</i>	Φ Γ Δ House
Dunbar, Arthur Richards	<i>West Bridgewater, Mass.</i>	13 Spring St.
Elsey, George Crawford	<i>Springfield, Mass.</i>	Ψ T House
Fleming, James Patterson	<i>Ben Avon, Pa.</i>	Δ K E House
Flynt, Robert Hussey	<i>Monson, Mass.</i>	B Θ Π House
Forbes, Allan White	<i>Worcester, Mass.</i>	Φ Γ Δ House
Gibson, Kenneth Morrison	<i>New York, N. Y.</i>	8 Spring St.
Gildersleeve, John Andrew	<i>Mattituck, N. Y.</i>	Θ Δ X House
Goddard, Harold Leroy	<i>Worcester, Mass.</i>	Φ K Ψ House
Gold, Walter Conkey	<i>Amherst, Mass.</i>	Whitney St.
Haller, William	<i>Buffalo, N. Y.</i>	Δ T House

Hamlin, Marston Lovell	<i>New York, N. Y.</i>	A Δ Φ House
Hubbard, Hugh Wells	<i>White Plains, N. Y.</i>	Φ K Ψ House
Jamieson, Philip Starr	<i>Newton, Mass.</i>	Θ Δ X House
Jones, Daniel Boynton	<i>Brockton, Mass.</i>	X Φ House
Keese, Anthony Huffman	<i>Syracuse, N. Y.</i>	Φ K Ψ House
Keith, Harold Chessman	<i>Brockton, Mass.</i>	X Φ House
Kennedy, Robert Haywood	<i>Providence, R. I.</i>	Φ Δ Θ House
Keyes, Charles Hubbard	<i>Sterling, Mass.</i>	Δ T House
Kimball, Arthur Livingstone	<i>Amherst, Mass.</i>	25 Woodside Ave.
Kimball, William Scribner	<i>Amherst, Mass.</i>	25 Woodside Ave.
Knox, Francis Stratton	<i>Conklin, N. Y.</i>	Hitchcock Club
Larkin, Edward Pierce	<i>Haydenville, Mass.</i>	7 Parsons St.
Loomis, Ralph Lane	<i>Bedford, Mass.</i>	31 South College
Lovelee, Albert Jesse	<i>Brooklyn, N. Y.</i>	30 North College
McChesney, John	<i>Montclair, N. J.</i>	Δ T House
Marsh, William Judson	<i>Corning, N. Y.</i>	Prospect House
Marshall, John Elbert	<i>Cincinnati, Ohio</i>	B Θ II House
Monroe, Samuel Frederic	<i>Cos Cob, Conn.</i>	31 North College
Moulton, Guy Edwin	<i>Brookfield, Mass.</i>	Φ K Ψ House
Mulry, Edward John	<i>Methuen, Mass.</i>	Amherst House
Mumford, James Oliver	<i>Honesdale, Pa.</i>	X Φ House
Niles, Charles Wilfred, Jr.	<i>Washington, D. C.</i>	A Δ Φ House
Paine, Arthur Preston	<i>Brooklyn, N. Y.</i>	Δ K E House
Palmer, George Francis	<i>Amherst, Mass.</i>	5 Pine St.
Post, Martin Hayward, Jr.	<i>St. Louis, Mo.</i>	X Ψ Lodge
Power, Thomas Francis	<i>Worcester, Mass.</i>	Φ Γ Δ House
Powley, Ned	<i>Ransomville, N. Y.</i>	X Ψ Lodge
Rawson, George Edward	<i>Holliston, Mass.</i>	Φ Γ Δ House
Read, Fayette Francis	<i>Holyoke, Mass.</i>	A Δ Φ House
Robinson, Earl Benjamin	<i>Chenango Forks, N. Y.</i>	Φ K Ψ House
Rogers, Dwight Harold	<i>Westerly, R. I.</i>	Δ K E House
Shute, Kenneth Bruce	<i>Gloucester, Mass.</i>	Φ Δ Θ House
Sleeper, James Taylor	<i>Wellesley, Mass.</i>	Gymnasium
Smith, Frederick Pitkin	<i>Golden, Colo.</i>	Φ Δ Θ House
Smith, Horatio Elwin	<i>Brattleboro, Vt.</i>	3 Northampton Road
Smith, Robert Metcalf	<i>Amherst, Mass.</i>	14 Maple Ave.
Stearns, Albert Maynard	<i>Boston, Mass.</i>	X Ψ Lodge
Stockbridge, Enos Smith	<i>Baltimore, Md.</i>	X Ψ Lodge
Tracy, William Bower Mitchell	<i>Philadelphia, Pa.</i>	Φ Δ Θ House

Senior Class

19

Warner, Frank Bradford	<i>Sunderland, Mass.</i>	Φ K Ψ House
Warriner, William Joseph	<i>Agawam, Mass.</i>	13 Spring St.
Washburn, William Ives, Jr.	<i>New York, N. Y.</i>	A Δ Φ House
Welles, Paul	<i>Paris, France</i>	X Ψ Lodge
White, Heath Edgar	<i>Charlottetown, P. E. I.</i>	Φ Δ Θ House
Wolff, Stanley Lewis	<i>Seabright, N. J.</i>	12 Spring St.
Woodbury, Robert Belville	<i>Pottsville, Pa.</i>	Δ K E House

Junior Class

Agard, Irving Howard	<i>Amherst, Mass.</i>	5 Spring St.
Bakrow, James Griffiths	<i>Louisville, Ky.</i>	B Θ Π House
Ballantine, Joseph William	<i>Rahuri, India</i>	Φ Γ Δ House
Beecher, John	<i>Prescott, Mass.</i>	Chemical Laboratory
Bigelow, Mason Huntington	<i>Utica, N. Y.</i>	A Δ Φ House
Blackmer, Albert Whitney	<i>Worcester, Mass.</i>	Φ Δ Θ House
Blades, Carlton Reed	<i>Campello, Mass.</i>	X Φ House
Blanchard, Alden Hooper	<i>Quincy, Mass.</i>	Φ Γ Δ House
Brink, Roscoe William	<i>Brooklyn, N. Y.</i>	Room C, North College
Bristol, Arthur Edward	<i>Glen Ridge, N. J.</i>	Δ T House
Brown, Raymond Nelson	<i>Danvers, Mass.</i>	Hitchcock Club
Burby, Raymond Joseph	<i>Chicopee Falls, Mass.</i>	Hitchcock Club
Bush, Asahel, Jr.	<i>Salem, Ore.</i>	Ψ T House
Butts, Frederic Marsena	<i>Newton Centre, Mass.</i>	Φ Δ Θ House
Cary, Walter	<i>Kyoto, Japan</i>	Φ K Ψ House
Case, Cyrus Augustus	<i>Golden, Colo.</i>	Φ Δ Θ House
Caughey, Francis Morrow	<i>Bellevue, Pa.</i>	Δ K E House
Caughey, Joseph Hart	<i>Bellevue, Pa.</i>	Δ K E House
Chandler, Charles Porter	<i>Montpelier, Vt.</i>	Δ K E House
Clarke, Merrill Fowler	<i>Brooklyn, N. Y.</i>	A Δ Φ House
Cleaveland, Edwards Lynde	<i>Fredonia, N. Y.</i>	21 Northampton Road
Cleaveland, Sherrill Atwood	<i>Fredonia, N. Y.</i>	21 Northampton Road
Clinton, Leonard Roys	<i>Elmira, N. Y.</i>	Θ Δ X House
Cunningham, Kenneth Reese	<i>Pittsburg, Pa.</i>	Δ K E House
Danforth, Harold	<i>Brockton, Mass.</i>	8 Woodside Ave.
Dyer, Edward Lathrop	<i>Belchertown, Mass.</i>	Hitchcock Club
Dunlap, Sheldon	<i>Batavia, N. Y.</i>	Δ T House
Earle, Ernest Lord	<i>Athol, Mass.</i>	Hitchcock Club
Eldred, Allen Dorset	<i>Springfield, Mass.</i>	Φ Γ Δ House
Fairbank, Samuel Ballantine	<i>Ahmednagar, India</i>	B Θ Π House
Fisher, Richard Bradford	<i>Gloucester, Mass.</i>	Φ Δ Θ House

Junior Class

21

Foster, Elliott Orman	<i>Danvers, Mass.</i>	Φ Γ Δ House
Frank, Alfred Swift	<i>Dayton, Ohio</i>	B Θ Π House
Gardner, John Leon, Jr.	<i>New Britain, Conn.</i>	Hitchcock Club
Gilpatric, Fred Raymond	<i>Putnam, Conn.</i>	Δ Τ House
Goodnow, David Franklin	<i>New York, N. Y.</i>	X Ψ Lodge
Goodrich, Hubert Baker	<i>Auburndale, Mass.</i>	B Θ Π House
Goodwin, Edward Nute	<i>Albany, N. Y.</i>	Δ Τ House
Hague, Cuthbert	<i>Worcester, Mass.</i>	Φ Δ Θ House
Hall, Gordon Robert	<i>Chicago, Ill.</i>	A Δ Φ House
Hatch, Charles Usher	<i>West Newton, Mass.</i>	4 North Prospect St.
Hamilton, Robert Hugh, Jr.	<i>Millers Falls, Mass.</i>	X Φ House
Hickey, Thomas Richard	<i>Hadley, Mass.</i>	31 North Pleasant St.
Hill, Townsend Cordell	<i>Lowell, Mass.</i>	X Ψ Lodge
Jamieson, Joseph Boardman, Jr.	<i>Newton, Mass.</i>	Θ Δ X House
Jones, Wilbur Boardman	<i>St. Louis, Mo.</i>	Ψ Τ House
Keith, Clayton Edward	<i>Brockton, Mass.</i>	14 Maple Ave.
Kidder, Edward Wintrose	<i>Kansas City, Mo.</i>	Θ Δ X House
Kilbourne, William Warren	<i>Fulton, N. Y.</i>	B Θ Π House
Kirby, Paul Lantz	<i>Washington, D. C.</i>	Hitchcock Club
Kooyumjian, Levon Hampart- zum	<i>New Britain, Conn.</i>	31 North Prospect St.
Lane, Stoddard	<i>Mt. Vernon, N. Y.</i>	A Δ Φ House
Laubham, Samuel Morton	<i>Haverhill, Mass.</i>	5 Parsons St.
Leadbetter, Raymond De Forest	<i>Lestershire, N. Y.</i>	Δ K E House
Leonard, Edward DeWitt	<i>Brattleboro, Vt.</i>	Φ K Ψ House
Lewis, Dunbar Wood	<i>Elgin, Ill.</i>	4 North Prospect St.
McKay, Donald Dana	<i>Belpre, Ohio</i>	Δ Τ House
Main, Walter Raymond	<i>Westhaven, Conn.</i>	Φ K Ψ House
Mayo-Smith, Richmond	<i>New York, N. Y.</i>	X Ψ Lodge
Mecklem, Charles Gates	<i>East Orange, N. J.</i>	4 North Prospect St.
Melcher, James Bartlett	<i>Newton Centre, Mass</i>	Φ K Ψ House
Michaels, Morris Gabriel	<i>Brooklyn, N. Y.</i>	Hitchcock Club
Mowry, David Raymond	<i>York, Neb.</i>	Φ K Ψ House
Parmelee, William Josiah	<i>Springfield, Mass.</i>	Φ Δ Θ House
Peace, Harry Bevins, Jr.	<i>Whitestone, N. Y.</i>	Hitchcock Club
Pierce, Albert Francis, Jr.	<i>Brockton, Mass.</i>	X Φ House
Pierce, George Edwin	<i>Brattleboro, Vt.</i>	Θ Δ X House

Amherst College

Plough, George Hewit	<i>New York, N. Y.</i>	Δ T House
Race, Francis Louis	<i>Greene, N. Y.</i>	Hitchcock Club
Rayner, Charles Babbidge	<i>Glen Ridge, N. J.</i>	A Δ Φ House
Reilly, Fairfax Addison	<i>Mt. Vernon, N. Y.</i>	
Ruckmich, Christian Alban	<i>Brooklyn, N. Y.</i>	6 Kellogg Ave.
Seybold, Joseph Long	<i>Hamilton, Ohio</i>	B Θ Π House
Shattuck, Maxwell Carleton	<i>Wellesley Hills, Mass.</i>	Θ Δ X House
Sleeper, William Allen	<i>Wellesley, Mass.</i>	Gymnasium
Smith, Bert Nichols	<i>Greene, N. Y.</i>	Δ T House
Smith, Harold Ladd	<i>Montclair, N. J.</i>	Δ T House
Smith, Harold Lyman	<i>Norwich, Conn.</i>	A Δ Φ House
Stockbridge, Henry 3d	<i>Baltimore, Md.</i>	Whitridge Hall
Sudbury, Edward Heron	<i>Mt. Vernon, N. Y.</i>	A Ψ Lodge
Tritsch, Albert Otto	<i>New York, N. Y.</i>	31 North College
Tylee, Clinton White	<i>Worcester, Mass.</i>	Θ Δ X House
Underhill, Halton Eugene	<i>New London, Conn.</i>	Δ K E House
Van Auken, Arthur Hammond	<i>Syracuse, N. Y.</i>	Φ Γ Δ House
Vollmer, William Auerbach	<i>Brooklyn, N. Y.</i>	X Φ House
Witherbee, Barrett Hanson	<i>New York, N. Y.</i>	B Θ Π House
Wordsworth, Watson	<i>Wallingford, Vt.</i>	Library
Wright, David Sanders	<i>Northampton, Mass.</i>	
Wright, William Henry	<i>Springfield, Mass.</i>	A Δ Φ House
Wyckoff, Herbert Ashton	<i>Brooklyn, N. Y.</i>	Ψ T House

Sophomore Class

Adler, Frederic Emanuel	<i>Milwaukee, Wis.</i>	1 Nash Block
Allen, Henry Butler	<i>Greenfield, Mass.</i>	Δ K E House
Alling, Robert Babson *	<i>Gloucester, Mass.</i>	Φ Δ Θ House
Amos, Lindsay Cline	<i>Utica, N. Y.</i>	A Δ Φ House
Atwood, Alfred Loranus	<i>Norwood, Mass.</i>	16 Maple Ave.
Avery, Henry Lawrence	<i>Charlemont, Mass.</i>	Φ K Ψ House
Baldwin, Edward	<i>Cincinnati, Ohio</i>	B Θ Π House
Bancroft, William Andrew	<i>Clinton, Mass.</i>	Φ Δ Θ House
Barney, Earle Alvah	<i>Greenfield, Mass.</i>	8 North Prospect St.
Barton, Hubert Crampton	<i>Chicago, Ill.</i>	Δ K E House
Beaman, Ralph Heckman	<i>Princeton, Mass.</i>	Φ K Ψ House
Benedict, Thomas Allen	<i>Fulton, N. Y.</i>	Θ Δ X House
Bennett, Sidney Royal	<i>Bainbridge, N. Y.</i>	Δ T House
Birdseye, Clarence	<i>New York, N. Y.</i>	X Ψ Lodge
Bisbee, Joseph Bartlett, Jr.	<i>Poughkeepsie, N. Y.</i>	A Δ Φ House
Bolt, Edward Jenkins	<i>St. Louis, Mo.</i>	X Ψ Lodge
Bonney, Holbrook	<i>New York, N. Y.</i>	A Δ Φ House
Boynton, Arthur Boardman	<i>New York, N. Y.</i>	Φ Γ Δ House
Boynton, Morrison Russell	<i>Brooklyn, N. Y.</i>	X Φ Annex
Burnett, George Brinton	<i>Amherst, Mass.</i>	Φ Γ Δ House
Bullard, Rockwood	<i>Medford, Mass.</i>	X Φ Annex
Campbell, Courtney	<i>Washington, D. C.</i>	Θ Δ X House
Carter, Harold Sims	<i>Brooklyn, N. Y.</i>	Δ T House
Chapin, Edward Eaton	<i>Brooklyn, N. Y.</i>	X Φ House
Chapin, Edward Luther	<i>Southbridge, Mass.</i>	Δ K E House
Clark, DeWitt Atkins	<i>Montpelier, Vt.</i>	Δ T House
Clark, William Evans	<i>New York, N. Y.</i>	A Δ Φ House
Colebrook, Maus Winegar	<i>Rochester, N. Y.</i>	X Φ House
Collins, Earl King	<i>Homer, N. Y.</i>	1 College Ave.
Conkling, Roscoe Seeley	<i>Newburg, N. Y.</i>	Δ K E House

* Special Student

Amherst College

Coyne, Daniel Joseph, Jr.	<i>Chicago, Ill.</i>	Δ T House
Dann, Lester Winfield	<i>Tullahoma, Tenn.</i>	B Θ II House
Davis, Josiah Stuart	<i>Des Moines, Iowa</i>	X Ψ Lodge
DeGroot, Mitchell Benjamin	<i>Troy, N. Y.</i>	9 Nash Block
Dibble, Edmund Drinan		
Barry	<i>St. Paul, Minn.</i>	A Δ Φ House
Dowd, George	<i>Madison, Conn.</i>	Δ T House
Draper, Walter Dillaway	<i>Brooklyn, N. Y.</i>	9 Spring St.
Drewsen, Pierre	<i>Brooklyn, N. Y.</i>	Θ Δ X House
Eaglesfield, Robert Davy	<i>Indianapolis, Ind.</i>	X Ψ Lodge
Emrie, Daniel Edwin	<i>Springfield, Ohio</i>	B Θ II House
Fancher, Paul Adece	<i>Glen Cove, N. Y.</i>	30 North College
Farrier, Edward	<i>Brooklyn, N. Y.</i>	Spring St.
Field, Randall Marcy	<i>Rockville Centre, N. Y.</i>	Θ Δ X House
Fink, John Scott	<i>Irwin, Pa.</i>	Δ K E House
Fleck, Harry Deegan	<i>New York, N. Y.</i>	Φ Γ Δ House
Francis, Clarence	<i>Port Richmond, N. Y.</i>	Δ T House
Gardner, Raymond Foster	<i>Chester, N. J.</i>	4 Nash Block
Gildersleeve, Donald Maurice	<i>Brooklyn, N. Y.</i>	12 Lincoln Ave.
Goddard, William Otis	<i>Abington, Mass.</i>	1 College Ave.
Goodnow, Weston Whitney	<i>New York, N. Y.</i>	Whitridge Hall
Graves, Merle Dixon	<i>Granville Center, Mass.</i>	13 Spring St.
Graves, Walter Lucien	<i>Granville Center, Mass.</i>	13 Spring St.
Hall, Bartow Harwood	<i>Colorado Springs, Colo.</i>	A Δ Φ House
Hall, Henry Bass	<i>Newton Centre, Mass.</i>	Θ Δ X House
Hamlin, Talbot Faulkner	<i>New York, N. Y.</i>	19 Main St.
Harris, Benjamin Lawrence	<i>Olean, N. Y.</i>	12 South College
Harris, Herbert Bennett	<i>Westminster, Mass.</i>	8 Woodside Ave.
Hartin, William Gooding	<i>Feeding Hills, Mass.</i>	Hunt Block
Hay, Ernest Crawford	<i>Pittsfield, Mass.</i>	B Θ II House
Heisey, Thomas Clarence	<i>Newark, Ohio</i>	15 Nash Court
Henry, John Park	<i>Amherst, Mass.</i>	45 Pleasant St.
Hill, William Ely	<i>New York, N. Y.</i>	X Φ House
Hobbs, Harold Wade	<i>Jamaica, N. Y.</i>	X Φ House
Holden, Harry Dewey	<i>Mamaroneck, N. Y.</i>	Hitchcock Club
Hood, Robert Huntley	<i>Corning, N. Y.</i>	B Θ II House
Houghton, Albert Beebe	<i>Council Bluffs, Iowa</i>	3 Northampton Road
Hubbard, Alvin Loomis	<i>Windsor, Conn.</i>	Hitchcock Club
Hudson, Charles John	<i>Clinton, Mass.</i>	Physics Laboratory

Sophomore Class

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Huffman, Rollie Cleveland	<i>Neligh, Neb.</i>	B Θ Π House
Hughes, Joseph Huey *	<i>Dallas, Texas</i>	Nash Court
Hunter, James Blaine	<i>Washington, D. C.</i>	6 North College
Jewett, Charles Harvey	<i>Canandaigua, N. Y.</i>	A Δ Φ House
Johnson, Roger Arthur	<i>Amherst, Mass.</i>	11 South Prospect St.
Johnston, Stewart Shurtleff	<i>Oak Park, Ill.</i>	B Θ Π House
Jones, Hildeburn	<i>Circleville, Ohio</i>	A Δ Φ House
Jube, Alfred Rividan	<i>Brooklyn, N. Y.</i>	X Φ Annex
Keator, Alfred Decker	<i>Accord, N. Y.</i>	College Library
Keith, James Perkins	<i>Brockton, Mass.</i>	X Φ House
Kellogg, William Raymond	<i>Katonah, N. Y.</i>	8 North Prospect St.
Kendrick, Raymond Holmes	<i>Springfield, Mass.</i>	X Φ House
Kennedy, Ollo Alson	<i>Hardwick, Mass.</i>	35 North Prospect St.
Keyser, Frederick Gardiner	<i>Northampton, Mass.</i>	
Kimbrough, Edwin Price	<i>Greensboro, Ala.</i>	Ψ Τ House
Kirley, Grover Cleveland	<i>South Hadley Falls, Mass.</i>	
Knight, Frederick Sylvester	<i>New York, N. Y.</i>	Hitchcock Club
Ladd, William Sargent	<i>Portland, Ore.</i>	A Δ Φ House
Lawton, Ernest James	<i>Athol, Mass.</i>	8 Woodside Ave.
Leary, George Francis	<i>Scitico, Conn.</i>	Hitchcock Club
Lewis, Lester McLean	<i>Brooklyn, N. Y.</i>	Θ Δ X House
McClure, Lawrence Ledwith	<i>Wayne, W. Va.</i>	Φ Δ Θ House
McInnis, Murdock Norman	<i>Gloucester, Mass.</i>	Hitchcock Club
McMartin, Daniel Cole	<i>Des Moines, Iowa</i>	X Ψ Lodge
McVaugh, Keith Fry	<i>Brooklyn, N. Y.</i>	A Δ Φ House
Marsh, William Rolfe	<i>Pipestone, Minn.</i>	Hitchcock Club
Merchant, Mylon Dickinson	<i>Roxbury, Mass.</i>	Φ Γ Δ House
Mersereau, Jones Wilder	<i>New York, N. Y.</i>	X Φ House
Millar, Clifford Warner	<i>Athol, Mass.</i>	Hitchcock Club
Milloy, Adolphus Merigold	<i>Erie, Pa.</i>	Φ Δ Θ House
Mitchell, Abraham, Jr.	<i>Riverside, Ill.</i>	X Ψ Lodge
Morrison, Stuart Ten Broeck	<i>Red Hook, N. Y.</i>	A Δ Φ House
Murray, Robert Cornelius	<i>Herkimer, N. Y.</i>	19 Main St.
Nash, Percival Dole	<i>Amherst, Mass.</i>	21 Main St.
Neustadt, Richard Mitchell	<i>New York, N. Y.</i>	5 School St.
Nicolaus, Louis Joseph	<i>St. Louis, Mo.</i>	B Θ Π House
Ould, Richard Sheldon	<i>Oswego, N. Y.</i>	5 School St.
Porter, John, Jr.	<i>Montclair, N. J.</i>	Ψ Τ House
Powell, Francis Foster	<i>Seattle, Wash.</i>	Ψ Τ House

* Special Student

Pratt, Sterling Woodford	<i>Towanda, Pa.</i>	Whitridge Hall
Pratt, Theodore	<i>Brooklyn, N. Y.</i>	A Δ Φ House
Rugg, Frank Dickinson	<i>Greenfield, Mass.</i>	X Φ House
Sampson, Benedict Hubbard	<i>Chicago, Ill.</i>	9 Spring St.
Schellenberg, Bertram Charles	<i>Brooklyn, N. Y.</i>	Φ Δ Θ House
Searle, Charles Putnam	<i>Honesdale, Pa.</i>	X Φ House
Seligman, Eustace Joseph	<i>New York, N. Y.</i>	3 Northampton Road
Shoop, Max Pardoe	<i>Rochester, N. Y.</i>	A Δ Φ House
Sichel, Hirsch Herbert	<i>Portland, Ore.</i>	16 Maple Ave.
Smith, Herbert Otty	<i>Holyoke, Mass.</i>	Chemical Laboratory
Smith, Justin Buritt	<i>Knoxville, Tenn.</i>	20 Woodside Ave.
Snook, Alfred Hitchcock	<i>Kalamazoo, Mich.</i>	55 South Pleasant St.
Stedman, Ernest Webster	<i>Brockton, Mass.</i>	X Φ House
Sullivan, Francis Owen	<i>Cortland, N. Y.</i>	Φ K Ψ House
Sumpf, Charles Russell	<i>Naugatuck, Conn.</i>	Δ T House
Swalley, John Frederick	<i>Toledo, Ohio</i>	Φ K Ψ House
Taggart, Bert King	<i>Millers Falls, Mass.</i>	Φ K Ψ House
Taylor, Clinton Lewis	<i>Wyalusing, Pa.</i>	Φ Δ Θ House
Taylor, George Bingham	<i>Westboro, Mass.</i>	2 South Pleasant St.
Taylor, John Case *	<i>Brookline, Mass.</i>	X Φ Annex
Tucker, Kenneth Todd	<i>New York, N. Y.</i>	Φ Δ Θ House
Van Auken, Jared Howell	<i>Oneonta, N. Y.</i>	Hitchcock Club
Wade, David	<i>Amherst, Mass.</i>	14 Maple Ave.
Wall, Charles Watson, Jr.	<i>St. Louis, Mo.</i>	Φ Δ Θ House
Warner, John Birchar	<i>Brooklyn, N. Y.</i>	19 Main St.
Warner, Harold Lawson	<i>Brooklyn, N. Y.</i>	Δ K E House
Wetmore, Lansing Southworth	<i>Rochester, N. Y.</i>	Ψ T House
Wheeler, Raymond Parks	<i>Hartford, Conn.</i>	B Θ Π House
Whicher, George Frisbie	<i>New York, N. Y.</i>	Θ Δ X House
Wight, John Clafin	<i>New York, N. Y.</i>	Hitchcock Club
Williams, Frederic Edwards	<i>Belleville, N. Y.</i>	Φ Γ Δ House
Wiltsie, Raymond Hastings *	<i>Cortland, N. Y.</i>	Φ K Ψ House
Wolfe, Claude Anthony	<i>Philadelphia, Pa.</i>	Ψ T House
Woodward, Harold Edward	<i>Worcester, Mass.</i>	Θ Δ X House
Wortman, Elbert Brinkerhoff		
Monroc	<i>East Orange, N. J.</i>	Δ T House
Zabriskie, Edward Balch	<i>Omaha, Neb.</i>	7 Woodside Ave.
Zinsmaster, Harry William	<i>Des Moines, Iowa</i>	X Ψ Lodge

* Special Student

Freshman Class

Abbot, Frank Prentice, Jr.	<i>Brooklyn, N. Y.</i>	12 Spring St.
Alexander, Thomas Ulysses	<i>Washington, D. C.</i>	6 North College
Altschul, Justin August	<i>Springfield, Ohio</i>	17 and 20 North College
Andrews, Thomas Truitt *	<i>New Bethlehem, Pa.</i>	8 South College
Ashley, John Porter	<i>Deerfield, Mass.</i>	4 North College
Babbage, Lawrence Washburn	<i>East Orange, N. J.</i>	25 South College
Babcock, William James	<i>Rochester, N. Y.</i>	26 South College
Baldwin, Norman Lee	<i>Oak Park, Ill.</i>	27 South College
Ballard, Clifford Bateman	<i>East Cleveland, Ohio</i>	3 Northampton Road
Barnum, William Newton	<i>Brooklyn, N. Y.</i>	15 South College
Beckwith, Carleton Burwell	<i>Brooklyn, N. Y.</i>	17 College St.
Bedford, Edward Thomas, 2d	<i>Brooklyn, N. Y.</i>	5 Parsons St.
Belden, Carroll Reed	<i>Omaha, Neb.</i>	12 North College
Bennett, Philip Torrey	<i>Jackson, Mich.</i>	Ψ T House
Bergman, Augustus Henry	<i>Brooklyn, N. Y.</i>	28 North College
Best, Robert Edward	<i>Jeannette, Pa.</i>	Φ Δ Θ House
Birdsall, Lawrence Edgar	<i>Philadelphia, Pa.</i>	3 Northampton Road
Bobb, Victor Charles Vaughan	<i>Houghton, Mich.</i>	12 Spring St.
Bowen, Carl Kenneth	<i>Bellows Falls, Vt.</i>	55 South Pleasant St.
Boyer, William Edward	<i>Somersworth, N. H.</i>	1 College Ave.
Brainerd, George Winthrop	<i>Holyoke, Mass.</i>	5 School St.
Bravo, Hylton Logan	<i>Newton Centre, Mass.</i>	10 South College
Brick, Howard Lorenzo	<i>Adrian, Mich.</i>	5 School St.
Bridgman, Robert Longley, Jr.	<i>Belchertown, Mass.</i>	Prospect House
Bristol, Raymond Moreau	<i>Brooklyn, N. Y.</i>	15 North College
Brown, Selden King	<i>Scottsville, N. Y.</i>	17 South Prospect St.
Bryan, William Craig	<i>New York, N. Y.</i>	4 South College
Buck, Malcolm Rodney	<i>Reading, Mass.</i>	19 South College
Bush, Barnard Bradford	<i>Amherst, Mass.</i>	11 Woodside Ave.
Caldwell, Albert Maxwell	<i>New York, N. Y.</i>	10 Woodside Ave.

* Special Student

Callan, Raymond Beckwith	<i>Yonkers, N. Y.</i>	15 Spring St.
Campbell, Charles Colfax	<i>Hackensack, N. J.</i>	14 Maple Ave.
Cary, Frank	<i>Kyoto, Japan</i>	4 North College
Chapin, Chester Fisher	<i>Providence, R. I.</i>	23 South College
Chapman, Charles Henry	<i>Rutland, Vt.</i>	8 Nash Block
Chesley, Franklin Russell *	<i>Saco, Me.</i>	19 South College
Clarke, Alfred Henry	<i>Portland, Ore.</i>	7 Parsons St.
Cooke, Thomas Skidmore	<i>Fredonia, N. Y.</i>	2 North College
Corey, Harris Lorenzo	<i>Toledo, Ohio</i>	5 School St.
Cornell, Joseph Delmonte	<i>East Orange, N. J.</i>	Ψ T House
Corry, William Francis	<i>Montpelier, Vt.</i>	26 North College
Corwin, Merton Polydore	<i>Cortland, N. Y.</i>	28 South College
Cragin, Horace Stuart	<i>Brooklyn, N. Y.</i>	28 Amity St.
Cranshaw, Harold Brown	<i>Providence, R. I.</i>	23 South College
Creesy, Morton Ray	<i>Beverly, Mass.</i>	32 and C South College
Crittenden, Edmund Kearsley	<i>Brooklyn, N. Y.</i>	19 Main St.
Cross, Carrol Sheffield	<i>Williamson, N. Y.</i>	8 Woodside Ave.
Curley, Frank Moxham	<i>Springfield, Mass.</i>	55 South Pleasant St.
Dall, William Brand, Jr.	<i>Brooklyn, N. Y.</i>	Prospect House
Daniels, Carroll Salem	<i>Grand Rapids, Mich.</i>	11 Parsons St.
Davenport, Everett Banfield	<i>Taunton, Mass.</i>	12 Spring St.
Davis, Arthur Lorenzo	<i>Ware, Mass.</i>	19 North College
Davis, Fred Cady	<i>Somers, Conn.</i>	8 North Prospect St.
Delatour, Beeckman J.	<i>Brooklyn, N. Y.</i>	14 North College
Denton, Horace Ray	<i>Lake Forest, Ill.</i>	8 North College
Deroin, Alonzo Dearborn	<i>Chicopee, Mass.</i>	B Θ II House
Detterick, Judd Alvin	<i>East Las Vegas, New Mexico</i>	F North Col.
Devine, Dave Gibbs *	<i>Pueblo, Colo.</i>	Nash Block
Disbrow, Hamilton Grinnell	<i>Morristown, N. J.</i>	Φ K Ψ House
Doolittle, William Pitt Shear-		
man	<i>Utica, N. Y.</i>	Nash Block
Dozier, Lewis David, Jr.	<i>St. Louis, Mo.</i>	23 North College
Eadie, Lewis Arnold	<i>Utica, N. Y.</i>	Ψ T House
Ehrgood, Allen Henry	<i>Lebanon, Pa.</i>	5 South College
Elder, Frank Rose	<i>Amherst, Mass.</i>	8 Triangle St.
Ernest, Finis Plumley, Jr.	<i>East St. Louis, Ill.</i>	23 North College
Fairbank, Alan Melvin	<i>Ahmednagar, India</i>	32 South College
Fenton, Ira Ellsworth	<i>South Hadley Falls, Mass.</i>	

* Special Student

Freshman Class

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Finlay, Andrew LuGar	<i>St. Louis, Mo.</i>	Whitridge Hall
Fish, Gordon Thorn	<i>Northampton, Mass.</i>	32 North College
Frank, William Henry, Jr.*	<i>Brooklyn, N. Y.</i>	27 North College
George, Robert Hudson	<i>Brookline, Mass.</i>	10 South College
Gormley, Arthur	<i>Oak Park, Ill.</i>	9 South College
Grimes, Henry Holbrook	<i>Peoria, Ill.</i>	12 Spring St.
Guptil, Clayton Walter	<i>Waterbury, Vt.</i>	12 South College
Hardy, Robert Allis	<i>Amherst, Mass.</i>	15 Lincoln Ave.
Haldeman, Harold Watson *	<i>New York, N. Y.</i>	8 Spring St.
Harris, Elijah Preble	<i>Chicago, Ill.</i>	Δ K E House
Hatch, Frank Cornelius, Jr.	<i>Newton Centre, Mass.</i>	Φ K Ψ House
Haven, Erastus Otis	<i>Lake Forest, Ill.</i>	22 South College
Heath, Louis Jay	<i>Cortland, N. Y.</i>	Φ K Ψ House
Heermans, George Arthur	<i>Corning, N. Y.</i>	5 North College
Henofer, Elmer Wilson	<i>West Brighton, N. Y.</i>	Δ T House
Higgs, Charles Dana	<i>Oak Park, Ill.</i>	27 South College
Hine, Robert Burnett	<i>Philadelphia, Pa.</i>	14 North College
Hughes, David Ashford	<i>Dallas, Texas</i>	Nash Block
Hu. lbut, Ralph Benson	<i>Stamford, Conn.</i>	21 South College
Jacobs, Paul Cloyd	<i>Lima, O.</i>	30 North Prospect St.
Jacobus, Graham Bentley	<i>Thomaston, N. Y.</i>	9 Nash Court
Jamison, Neil Camp	<i>Minneapolis, Minn.</i>	Whitridge Hall
Jones, Clayton Berry	<i>Elizabeth, N. J.</i>	12 Spring St.
Kane, Thomas Leo	<i>Gardiner, Me.</i>	21 North College
Keating, Arthur George	<i>Los Angeles, Cal.</i>	Ψ T House
Keim, John Howard	<i>New York, N. Y.</i>	4 Nash Block
Keith, Roger	<i>Brockton, Mass.</i>	13 South College
Keogh, John Joseph,	<i>South Hadley Falls, Mass.</i>	6 South College
Kernan, Thomas Francis	<i>Cortland, N. Y.</i>	28 South College
Keyes, John Humphrey	<i>Boston, Mass.</i>	13 Amity St.
Kittle, Sherman Crary	<i>Stamford, N. Y.</i>	8 Kellogg Ave.
Koebig, Adolf Heinrich, Jr.	<i>Los Angeles, Cal.</i>	Whitridge Hall
Lamb, John Jefferson	<i>Worcester, Mass.</i>	29 North College
Lee, Lyndon Edmund	<i>Mt. Vernon, N. Y.</i>	5 School St.
Levy, Isidor David	<i>Greenfield, Mass.</i>	55 South Pleasant St.
Livingstone, Harold Dickens	<i>Westerly, R. I.</i>	Δ K E House
Lloyd, Edward Bassett	<i>Medford, Mass.</i>	23 South College
Loomis, Hubert Hillhouse	<i>Bedford, Mass.</i>	31 South College

* Special Student

Lorbacher, Rudolf Franz	<i>Brooklyn, N. Y.</i>	X Φ Annex
Lord, Herbert Gardiner, Jr.	<i>New York, N. Y.</i>	30 South College
Lord, Upton Prentiss	<i>Omaha, Neb.</i>	14 South College
McAdam, Samuel Edward	<i>Lebanon, Pa.</i>	Ψ T House
McBride, George Henry	<i>East Orange, N. J.</i>	Whitridge Hall
McCague, John Livingston, Jr.	<i>Omaha, Neb.</i>	12 North College
McInerney, John Walter	<i>Adams, Mass.</i>	5 Sunset Ave.
McKenna, William Francis	<i>Brooklyn, N. Y.</i>	6 Northampton Road
Marsh, Edward Henry	<i>Brooklyn, N. Y.</i>	19 Main St.
Marshall, George Milroy	<i>Elmhurst, N. Y.</i>	10 North College
Marvin, Campbell	<i>Chicago, Ill.</i>	11 Parsons St.
Maxson, Edgar Potter	<i>Westerly, R. I.</i>	17 South College
Maynard, Harry Hilts	<i>Stamford, N. Y.</i>	8 Kellogg Ave.
Miller, Harold Stuart	<i>Amherst, Mass.</i>	35 East Pleasant St.
Miller, John Townsend	<i>East Orange, N. J.</i>	B Θ II House
Morton, Walter Harrison	<i>Worcester, Mass.</i>	29 North College
Myers, Robert Evershed	<i>Rochester, N. Y.</i>	12 Spring St.
Newport, Edward Foster	<i>Amherst, Mass.</i>	41 Northampton Road
Nichols, Clifford Edwards	<i>Portland, Ore.</i>	7 Parsons St.
Nunnemacher, Harry Jacob	<i>Milwaukee, Wis.</i>	Nash Block
Parks, George Bruner	<i>Brooklyn, N. Y.</i>	10 North College
Parks, Ward Jackson, Jr.	<i>Newton Centre, Mass.</i>	Φ K Ψ House
Patterson, Arthur Dunn	<i>Findlay, Ohio</i>	27 North College
Pattison, Arthur Eugene, Jr.	<i>Ridgewood, N. J.</i>	11 South College
Patton, William Weston	<i>Highland Park, Ill.</i>	22 South College
Paul, Randolph Evernghim	<i>Ridgewood, N. J.</i>	11 South College
Pawley, Thomas Desiah *	<i>East Northfield, Mass.</i>	3 Walnut St.
Pennock, Eugene Ramey	<i>Altoona, Pa.</i>	8 South College
Pinkett, John Randolph	<i>Washington, D. C.</i>	6 North College
Pitkin, George Devine	<i>Montpelier, Vt.</i>	26 North College
Pohl, Frederick Julius	<i>Brooklyn, N. Y.</i>	B. South College
Poor, Edward Eri	<i>Passaic, N. J.</i>	Ψ T House
Post, James Wallace	<i>York, Neb.</i>	22 North College
Powell, William Baker	<i>Cleveland, O.</i>	13 South College
Pratt, Morris *	<i>Brooklyn, N. Y.</i>	19 Main St.
Prince, Stanley Hodgdon	<i>Lexington, Mass.</i>	30 South College

* Special Student

Freshman Class

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Pushee, Roy Edward	<i>West Newton, Mass.</i>	25 North College
Radcliffe, Vernon	<i>Brooklyn, N. Y.</i>	10 Woodside Ave.
Rayner, Harold Marvin	<i>Glen Ridge, N. J.</i>	67 Pleasant St.
Riker, Joseph Marsh, Jr.	<i>Newark, N. J.</i>	2 South College
Roberts, Harold Carrier	<i>Utica, N. Y.</i>	2 School St.
Roberts, Lawrence W.	<i>Utica, N. Y.</i>	2 School St.
Roby, Horace Edgar	<i>Norwood, Mass.</i>	5 North College
Rugg, Charles Belcher	<i>Worcester, Mass.</i>	21 North College
San Souci, Paul Aloysius	<i>Providence, R. I.</i>	19 South College
Sawyer, George Garfield	<i>Springfield, Mass.</i>	9 Spring St.
Scandrett, Richard Brown, Jr.	<i>Edgeworth, Pa.</i>	17 South College
Scantlebury, Paul Fenwick	<i>Springfield, Mass.</i>	25 South College
Schadel, Samuel	<i>Springfield, Ohio</i>	17 North College
Schoenthaler, Warren Simpson	<i>Chicago, Ill.</i>	9 North College
Scrymgeour, Clarence Harold	<i>Mansfield, Mass.</i>	16 Amity St.
Shumway, Waldo	<i>Brooklyn, N. Y.</i>	6 Northampton Road
Slayton, George Noyes	<i>Morrisville, Vt.</i>	11 North College
Small, Harold Patten	<i>New London, Conn.</i>	19 North College
Smith, George Gifford	<i>Sheffield, Pa.</i>	6 South College
Smith, Ralph Potter	<i>New London, Conn.</i>	18 South College
Smith, Raymond Fiske	<i>Bayonne, N. J.</i>	A Δ Φ House
Smith, Walter Winthrop	<i>Philadelphia, Pa.</i>	3 Northampton Road
Stearns, Albert Thomas, 2d	<i>Boston, Mass.</i>	8 North College
Steinbach, Jerome Benedict	<i>Portland, Ore.</i>	1 North College
Stenglein, John George	<i>Hatfield, Mass.</i>	32 North College
Stevens, John Hardison	<i>New York, N. Y.</i>	15 Spring St.
Stith, Edward Emerson	<i>St. Louis, Mo.</i>	12 Spring St.
Stith, Wilmer Curtis, Jr.	<i>St. Louis, Mo.</i>	12 Spring St.
Stone, Arthur Crawford	<i>Worcester, Mass.</i>	21 North College
Stone, William Morrell	<i>Guilford, Conn.</i>	18 Amity St.
Stott, Frederick William		
Heaton	<i>Stamford, Conn.</i>	21 South College
Thompson, Leighton Sumner	<i>East Weymouth, Mass.</i>	29 North Pleasant St.
Treadwell, George Ludington	<i>Brookline, Mass.</i>	28 North College
Van Cleaf, John Conover	<i>Brooklyn, N. Y.</i>	Φ Δ Θ House
Van Woert, Lee Dutton	<i>Oneonta, N. Y.</i>	1 College Ave.
Wakelee, Louis Elmer	<i>Big Flats, N. Y.</i>	16 North College
Walbridge, Arthur Hess	<i>Rochester, N. Y.</i>	8 Woodside Ave.

Amherst College

Walker, Lewis Brigham	<i>Norwood, Mass.</i>	1 North College
Washburn, William Francis	<i>Brockton, Mass.</i>	13 South College
Weathers, Brantley Alexander	<i>Ocala, Fla.</i>	11 South Prospect St.
West, Joseph Thomas	<i>Princeton, Mass.</i>	18 South College
Wheelock, Dexter	<i>Brooklyn, N. Y.</i>	16 South College
Whitford, Nehemiah George		
Ordway	<i>Waterloo, N. H.</i>	13 Amity St.
Whitney, Arthur Colvin	<i>Chicago, Ill.</i>	14 South College
Whitney, Harold Adelbert	<i>Chenango Forks, N. Y.</i>	11 North College
Whitten, Edmund Sumner	<i>Holyoke, Mass.</i>	26 South College
Williams, George Way	<i>Brockport, N. Y.</i>	29 South College
Wilson, Leonard Hodges	<i>Waterville, N. Y.</i>	9 North College
Wood, Lawrence	<i>Monongahela, Pa.</i>	6 South College
Woodside, William Stewart	<i>Elmira, N. Y.</i>	16 North College
Wyckoff, Ralph Smith	<i>Stamford, N. Y.</i>	8 Kellogg Ave.
Yamasaki, Toshiharu *	<i>Hirashima, Japan</i>	Amherst House
Yerrall, George Randall, Jr.	<i>Springfield, Mass.</i>	25 South College
Young, Milton Baird	<i>Pittsburg, Pa.</i>	Δ K E House
Zweygart, Henry Jacob *	<i>Hartford, Conn.</i>	17 South Prospect St.

* Special Student

Summary

FELLOWS	5
SENIORS	77
JUNIORS	90
SOPHOMORES	144
FRESHMEN	197
TOTAL	513

CLASSIFICATION BY RESIDENCE

THE UNITED STATES			
New York	158	Maryland	2
Massachusetts	154	New Hampshire	2
Pennsylvania	26	Tennessee	2
New Jersey	22	Texas	2
Illinois	20	Wisconsin	2
Connecticut	19	Alabama	1
Ohio	16	Florida	1
Missouri	13	Indiana	1
Vermont	12	Kentucky	1
Nebraska	7	New Mexico	1
Rhode Island	7	Washington	1
District of Columbia	6	West Virginia	1
Michigan	6		
Oregon	6		504
Colorado	4	OTHER COUNTRIES	
Iowa	4	Japan	4
Minnesota	3	India	3
California	2	France	1
Maine	2	Prince Edward Island	1
			513

Award of Fellowships

1906-1907

RUFUS B. KELLOG FELLOWSHIP

Preserved Smith, B.A. (1901), PH.D.

HITCHCOCK PHYSICAL EDUCATION FELLOWSHIP

Percy Robert Carpenter, B.A.

ROSWELL DWIGHT HITCHCOCK MEMORIAL FELLOWSHIP

Bruce Fairchild Barton, B.A. (1907)

SOUTH END HOUSE FELLOWSHIP

George Emerson Cary, B.A. (1907)

Award of Honors

1906-1907

COMMENCEMENT SPEAKERS

Hugh Hartshorne
Henry Hall King
John Shimer Oberly
Herbert Hall Palmer
Albert Edward Rand
James Albert Sprenger
John Dayton Willard

PHI BETA KAPPA

FIRST DRAWING (Class of 1907)

Hugh Hartshorne
Henry Hall King
John Shimer Oberly
Herbert Hall Palmer
Albert Edward Rand

Clayton Pingree Stevens
Henry Lewis Sweet
Warren Lincoln Swett
John Dayton Willard

SECOND DRAWING (Class of 1907)

Felix Ballard Atwood
Bruce Fairchild Barton
Roy Whiting Bell
George Emerson Cary

Clarence Spencer Foster
George Cooper Hood
Chilton Latham Powell

FIRST DRAWING (Class of 1908)

Cecil King Blanchard
Kenneth Morrison Gibson
William Haller

John McChesney
Horatio Elwin Smith
James Albert Sprenger

Final Honors

ENGLISH

Henry Hall King

FRENCH

James Albert Sprenger

GERMAN

Albert Edward Rand

HISTORY

Bruce Fairchild Barton

LATIN

Albert Edward Rand
Clayton Pingree Stevens

Award of Prizes

1906-1907

HUTCHINS GREEK PRIZE — Class of 1908

Edward Ogden Dewing
William Haller

BERTRAM LATIN PRIZES

First Prize: Albert Edward Rand, Class of 1907
Second Prize: George Edward Rawson, Class of 1908
Third Prize: Clayton Pingree Stevens, Class of 1907

BILLINGS LATIN PRIZES

First Prize: Albert Edward Rand, Class of 1907
Second Prize: George Edward Rawson, Class of 1908
Third Prize: Clayton Pingree Stevens, Class of 1907

LAW LATIN PRIZES — Class of 1907

First Prize: John Simpson Crowe
Second Prize: Theodore Burton Averill

THOMPSON LATIN PRIZES

First Prize: Albert Edward Rand, Class of 1907
Second Prize: Walter Conkey Gold, Class of 1908
Third Prize: Albert Jesse Lovelee, Class of 1908

SECOND YEAR LATIN PRIZES — Class of 1909

First Prize: Merrill Fowler Clarke
Second Prize: Stoddard Lane

FIRST YEAR LATIN PRIZES — Class of 1910

First Prize: Archer Butler Gilfillan
Second Prize: Talbot Faulkner Hamlin

Award of Prizes

37

KELLOGG PRIZES

Robert Hugh Hamilton, Jr., Class of 1909

Hubert Crampton Barton, Class of 1910

HARDY PRIZES — Class of 1907

First Prize: Owen Alvin Locke

Second Prize: John Mather Waller

HYDE PRIZE — Class of 1907

Owen Alvin Locke

BOND PRIZE — Class of 1907

Hugh Hartshorne

KENT PRIZE — Class of 1907

Henry Hall King

WALKER PRIZES

Second Year Mathematics

Not awarded

First Year Mathematics

First Prize: Roger Arthur Johnson, Class of 1910

Second Prize: Robert Cornelius Murray, Class of 1910

PORTER PRIZE — Class of 1907

Walter Ernest Hawkes

SAWYER MEDAL — Class of 1909

Hubert Baker Goodrich

A. LYMAN WILLISTON PRIZES — Class of 1910

First Prize: Edward Farrier

Second Prize: Ernest James Lawton

LELAND PRIZE

The Sophomore Class (Class of 1909)

Amherst College

WOODS PRIZE — Class of 1907

James Albert Sprenger

LADD ORATION PRIZES — Class of 1908

Roscoe Seely Conkling	Walter William Dubreuil
George Crawford Elsey	James Patterson Fleming
John Andrew Gildersleeve	Harold Chessman Keith
Arthur Douglass McMillan	Martin Hayward Post, Jr.
William Bowen Mitchell Tracy	Heath Edgar White
Stanley Lewis Wolff	

ARMSTRONG PRIZES — Class of 1910

First Prize: Talbot Faulkner Hamlin*Second Prize:* George Frisbie Whicher*Third Prize:* Archer Butler Gilfillan

PORTER ADMISSION PRIZE — Class of 1911

Arthur Eugene Pattison, Jr.

(Prepared at Ridgewood Preparatory School, Ridgewood, N. J.)

HAGEN PRIZE IN ENGLISH LITERATURE

William Haller, Class of 1908

Honorable Mention

BIOLOGY

1908	Cecil King Blanchard	1909	George Hewit Plough
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ENGLISH

1908	William Haller	1908	John McChesney
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FRENCH

1908	Arthur Richards Dunbar	1908	Horatio Elwin Smith
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GEOLOGY

1908	Cecil King Blanchard
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GERMAN

1907	Albert Edward Rand	1910	Archer Butler Gilfillan
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GREEK

1907	George Emerson Cary	1908	William Haller
1908	Walter Conkey Gold	1910	Eustace Joseph Seligman

HISTORY

1907	James LeCount Chestnut	1907	James Albert Sprenger
1908	Arthur Richards Dunbar	1908	Stanley Lewis Wolff

ITALIAN

1907	James Albert Sprenger	1907	Horatio Elwin Smith
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LATIN

1907	Albert Edward Rand	1910	Talbot Faulkner Hamlin
1908	Walter Conkey Gold		Archer Butler Gilfillan
	Albert Jesse Lovelee		Eustace Joseph Seligman
1909	Clinton White Tylee		

MODERN GOVERNMENT

1907	Felix Ballard Atwood	1907	George Cooper Hood
	Clarence Spencer Foster		

PHYSICS

1910	Eustace Joseph Seligman
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SPANISH

1907	Albert Edward Rand
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Degrees Conferred in 1907

Degrees in Course

Bachelor of Arts

Summa Cum Laude

Hugh Hartshorne
Henry Hall King

Albert Edward Rand

Magna Cum Laude

Bruce Fairchild Barton
Clarence Spencer Foster
Gearge Cooper Hood
John Shimer Oberly
Herbert Hall Palmer

James Albert Sprenger
Clayton Pingree Stevens
Henry Lewis Sweet
Warren Lincoln Swett
John Dayton Willard

Cum Laude

Chester Huston Andrews
Felix Ballard Atwood
Theodore Burton Averill
Harry Edward Barlow
Harry Teachout Beach
Daniel Beecher
Roy Whiting Bell
Sidney Cutting Blanchard
Edward Chadbourne Boynton
George Emerson Cary
James LeCount Chestnut
John Simpson Crowe
Robert Black Cumming
John Lockwood Fletcher

Chester Campbell Graham
George Greenaway, Jr.
Edward Twitchell Hall
William Haseltine
Walter Ernest Hawkes
John Montgomery Hunter
John Daniel Kaine
John Jamieson Morton
Chilton Latham Powell
Edmund Warner Twitchell
John Mather Waller
Robert Malcolm Whitelaw
Claude Thomas Wilson
Edward Nims Wright

Amherst College

Rite

Max Fenimore Allaben
 Leonard Curren Allaire
 Stanley Danforth Allchin
 Roswell Graves Billings
 Aaron Cutler Coburn
 William Edward Conley
 Francis Joseph Godfrey
 Harry Robert Hay
 Roland Jewett Jones
 Frank Edward Anthony Lewis

Owen Alvin Locke
 John Joseph McClelland
 Malcolm Vartan Malconian
 Henry Sanford Osborn
 Elmer Atwin Pratt
 Walter Smith Price
 Daniel Francis Sheehan
 Charles Pulsifer Slocum
 Merrell Packard Walbridge

Bachelor of Science*Cum Laude*

James Carl Connell
 Walter Franklin Pond

Harry A. Rowe

Rite

Harold Richard Crook
 Clarence Alvan Lamb

Robert Harry Scott

Master of Arts

LeRoy Phillips	B.A. (1892)
George Francis Ellinwood	B.A. (1896)
Layton S. Hawkins	B.A. (1904)
Alfred Blanchard Kershaw	B.A. (1904)
Raymond Henry Stowell	B.S. (1904)
Ernest Miller Whitcomb	B.A. (1904)
James Shelley Hamilton	B.A. (1906)

*Honorary Degrees***Master of Arts**

EDWARD CLARK POTTER

Doctor of Letters

WILLIAM ELEROY CURTIS

Doctor of Divinity

CHARLES SMITH MILLS

WILLIAM GREENOUGH THAYER

Doctor of Laws

PERCIVAL LOWELL

ANSON DANIEL MORSE

HERBERT LEVI OSGOOD

Admission

ALL candidates for admission to College must present satisfactory testimonials of good moral character.

Entrance requirements correspond to courses leading to the degrees of Bachelor of Arts and Bachelor of Science, and to the Special Course that does not lead to a degree. The requirements are indicated below in groups of studies preparatory to the several courses.

REQUIREMENTS FOR BACHELOR OF ARTS COURSE

Candidates for admission to the Freshman Class in the course leading to the degree of Bachelor of Arts must present satisfactory qualifications in one of the following groups of subjects according to the specifications given under each subject.

GROUP 1

Latin I, II
Greek I, II
Mathematics I
English A and B
History I

GROUP 2

{ Latin I, II and Greek I
or
{ Greek I, II and Latin I
Mathematics I
English A and B
History I

In addition two points shall be made from the following lists: —

French I	} 2 points each	Solid Geometry	} 1 point each
German I		Trigonometry and	
History II		Logarithms	
Physics		Advanced Algebra	
Chemistry		Anatomy	
Harmony		Botany	
		Physiology	

GROUP 3

{	Latin I, II
	or
{	Greek I, II
	Mathematics I
	English A and B
	History I

In addition six points shall be made from the following lists, two points to be a modern language and two points an advanced subject: —

Elementary

French I	} 2 points each
German I	
History II	
Physics	
Chemistry	
Harmony	

Anatomy	} 1 point each
Botany	
Physiography	

Advanced

French II	} 2 points each
German II	

Solid Geometry	} 1 point each
Trigonometry and	
Logarithms	
Advanced Algebra	

A subject not included in the above list, that has been pursued so far as to be equivalent to one or two semesters of that subject

in College, may be presented, on examination, as an advanced subject.

REQUIREMENTS FOR BACHELOR OF SCIENCE COURSE

Candidates for admission to the Freshman Class in the course leading to the degree of Bachelor of Science must present satisfactory qualifications in the following subjects according to the specifications given under each subject.

Latin I
Mathematics I
English A and B
History I or II
Chemistry or Physics
French I or German I

In addition four points shall be made from the following lists: --

French I	} 2 points each	Solid Geometry	} 1 point each
French II		Trigonometry and	
German I		Logarithms	
German II		Advanced Algebra	
History I		Anatomy	
History II		Botany	
Chemistry		Physiography	
Physics			
Harmony			
Latin II			

A student who presents Latin I, II, at entrance may become a candidate for the degree of Bachelor of Arts by electing Latin for one college year.

A subject not included in the above list, that has been pur-

sued so far as to be equivalent to one or two semesters of that subject in College, may be presented, on examination, as an advanced subject.

REQUIREMENTS FOR SPECIAL COURSE

For admission to a special course not leading to a degree, every candidate must present: —

Mathematics I
English A and B
History II
Chemistry or Physics

In addition there shall be two elementary and one advanced subjects from the following lists: —

Elementary

French I
German I
History I
Chemistry
Physics
Harmony

Advanced

French II
German II
Mathematics II

A subject, not included in the above list, that has been pursued so far as to be equivalent to one or two semesters of that subject in College, may be presented, on examination, as an advanced subject.

LATIN

I. ELEMENTARY LATIN

The examination will be adapted to the proficiency of those who have studied Latin in a systematic course of five exercises a week extending through three school years. In preparation for the elementary examination, the candidate should read and review at least Cæsar's *Gallic*

War, books I-IV, or an equivalent; Cicero's *Orations against Catiline* and *for Archias*; and should gain ability to read Latin at sight. Careful attention should be given from the beginning to the correct pronunciation of Latin words according to the Roman method. The examination will include: —

(a) Translation of passages of Latin prose at sight.

(b) A thorough examination on Cicero's *Orations against Catiline*, II, III, IV, directed to testing the candidate's mastery of the ordinary forms, constructions, and idioms of the language.

II. ADVANCED LATIN

In addition to the preparation mentioned above for the elementary Latin, the candidate should read and review Vergil's *Æneid*, books I-VI at least, or an equivalent; and have adequate training in reading Latin poetry in the original, in translating Latin poetry at sight, and in Latin prose composition. The examinations will include: —

(a) Translation of passages of Latin verse at sight.

(b) A thorough examination on Vergil's *Æneid*, books I and II, directed to testing the candidate's mastery of the ordinary forms, constructions, idioms, and prosody.

(c) Translation into Latin prose of a passage of connected English narrative, based on some portion of the Latin prose works usually read in preparation for college, and limited to the subject-matter of those works.

Candidates for the degree of B.S. will take Latin I.

Candidates for the degree of B.A. will take both Latin I and II.

GREEK

I. ELEMENTARY GREEK

The examination will be adapted to the proficiency of those who have studied Greek in a systematic course of five exercises a week, extending through at least two school years. In preparation for the elementary examination, the candidate should read the first three books of Xenophon's *Anabasis* or an equivalent, and be carefully drilled in the principles of syntax and inflections of Attic prose. The examination will include:

(a) Translation into Greek of short sentences illustrating common principles of syntax.

(b) A thorough examination on the first two books of Xenophon's *Anabasis*.

(c) Translation of passages of Attic prose at sight.

II. ADVANCED GREEK

The examination will be adapted to the proficiency of those who have studied Greek in a systematic course of five exercises a week extending through at least three school years. In addition to preparation for the elementary examination, the candidate should read the fourth book of Xenophon's *Anabasis*, and three books of Homer's *Iliad*; and should be trained to render into Greek passages of English narrative involving all ordinary constructions. The examination will include: —

(a) Translation into Greek of a passage of connected English narrative based on the second book of Xenophon's *Anabasis*.

(b) A thorough examination on the first book of Homer's *Iliad*.

(c) Translation of passages of Homer at sight, with questions on the forms, constructions, and idioms of the passages.

MATHEMATICS

I. ELEMENTARY MATHEMATICS

(a) Algebra.

The requirement in algebra includes the following subjects: factors, common divisors and multiples, fractions, ratios, and proportions; negative quantities and the interpretation of negative results; theory of exponents; radicals and equations involving radicals; the progressions; the binomial theorem for positive integral powers of the binomial, and the extraction of roots; the ordinary methods of elimination, and the solution of both numerical and literal equations of the first and second degrees with one or more unknown quantities, and of problems leading to such equations.

The student should be trained early in the fundamental principles of graphic algebra, and should be required to make frequent use of this method in the study of equations.

(b) Plane geometry, including problems in mensuration, and original propositions.

The requirement in geometry embraces the following topics: the general properties of plane rectilinear figures; proportion; incommensurable magnitudes and limits; the circle and the measure of angles; similar polygons; areas; regular polygons and the measure of the circle; problems in construction.

In each subject great importance is attached to accuracy and readiness, and to neatness in the arrangement of written work.

II. ADVANCED MATHEMATICS

(a) Algebra, including choice, chance, the binomial theorem for all exponents, logarithms, determinants, graphs, derivatives, and a brief introduction to the theory of equations, including the usual topics as far as transformations.

(b) Solid and spherical geometry.

(c) Plane trigonometry.

ENGLISH

Preparation in English has two main objects: (1) command of correct and clear English, spoken and written; (2) power to read with intelligence and appreciation.

To secure the first end, training in grammar and the simpler principles of rhetoric, and the writing of frequent compositions, are essential. The candidate must be able to spell, capitalize, and punctuate correctly. He must show a practical knowledge of the essentials of English grammar, including ordinary grammatical terminology, inflections, syntax, the use of phrases and clauses; a thorough training in the construction of the sentence; and familiarity with the simpler principles of paragraph division and structure.

To secure the second end, the reading of a certain number of books is prescribed. The list is intended to give the candidate the opportunity of reading, under intelligent direction, a number of important pieces of literature. The prescribed books are divided into two groups as follows: —

A

The candidate should read the books prescribed below with a view to understanding and enjoying them. He will be expected to show a reasonable degree of familiarity with their substance. The form of examination will usually be the writing of a few paragraphs on each of several topics, to be chosen by the candidate from a considerable number — perhaps ten or fifteen — set before him in the examination paper.

For students entering in 1908 : —

Shakspere's *Macbeth* and *The Merchant of Venice*; *The Sir Roger de Coverley Papers* in *The Spectator*; Scott's *Ivanhoe* and *The Lady of the Lake*; Irving's *Life of Goldsmith*; Coleridge's *The Ancient Mariner*; Tennyson's *Gareth and Lynette*, *Lancelot and Elaine*, and *The Passing of Arthur*; Lowell's *The Vision of Sir Launfal*; George Eliot's *Silas Marner*.

For students entering in 1909 : — *

Shakspere's *The Merchant of Venice* and *Julius Cæsar*; Bunyan's *The Pilgrim's Progress* (Part I); *The Sir Roger de Coverley Papers* in *The Spectator*; Scott's *The Lady of the Lake* and *Ivanhoe*; Irving's *Sketch Book*; Macaulay's *Lays of Ancient Rome*; Tennyson's *Gareth and Lynette*, *Lancelot and Elaine*, and *The Passing of Arthur*; George Eliot's *Silas Marner*.

B

The candidate should be able to answer specific questions on the contents of the books prescribed below. The examination is not designed, however, to require minute drill in difficulties of verbal expressions, minor allusions, or technical details.

For students entering in 1908 : —

Shakspere's *Julius Cæsar*; Milton's *Lycidas*, *Comus*, *L'Allegro* and *Il Penseroso*; Macaulay's *Essay on Addison*, and *Life of Johnson*.

* The list for the class entering in 1909 is selected from the list adopted by the Conference on Uniform Entrance Requirements in English, at a meeting held in Newark, New Jersey, February 22, 1905. Candidates may make other selections from that list, provided that on or before the first day of February preceding the examination they give notice of their intention to present these books. The list may be obtained from the Registrar.

For students entering in 1909 : —

Shakspeare's *Macbeth*; Milton's *Lycidas*, *Comus*, *L'Allegro*, and *Il Penseroso*; Macaulay's *Life of Johnson*, or Carlyle's *Essay on Burns*.

FRENCH

The admission requirements in elementary and advanced French are those recommended by the Modern Language Association of America. See page 70 for college courses which correspond to the work prescribed for preparation.

I. ELEMENTARY FRENCH

The first year's work should comprise: (1) careful drill in pronunciation; (2) the rudiments of grammar, including the inflection of the regular and the more common irregular verbs, the plural of nouns, the inflection of adjectives, participles, and pronouns; the use of personal pronouns, common adverbs, prepositions, and conjunctions; order of words in the sentence, and elementary rules of syntax: (3) abundant easy exercises, designed not only to fix in memory the forms and principles of grammar, but also to cultivate readiness in reproducing natural forms of expression; (4) the reading of 100 to 175 duodecimo pages of graduated texts, with constant practice in translating into French easy variations of the sentences read (the teacher giving the English), and in reproducing from memory sentences previously read; (5) writing French from dictation.

The second year's work should comprise: (1) the reading of 250 to 400 pages of easy modern prose in the form of stories, plays, or historical or biographic sketches; (2) constant practice, as in the previous year, in translating into French easy variations upon the texts read; (3) frequent abstracts, sometimes oral and sometimes written, of portions of the text already read; (4) writing French from dictation; (5) continued drill upon the rudiments of grammar, with constant application in the construction of sentences; (6) mastery of the forms and use of pronouns, pronominal adjectives, of all but the rare irregular verb forms, and of the simpler uses of the conditional and subjunctive.

Suitable texts for the second year are: About, *Le roi des montagnes*; Bruno, *Le tour de la France*; Daudet's easier short tales; De la Bédol-

lière, *La Mère Michel et son chat*; Erckmann-Chatrian's stories; Foa, *Contes biographiques* and *Le petit Robinson de Paris*; Foncin, *Le pays de France*; Labiche and Martin, *La poudre aux yeux* and *Le voyage de M. Perrichon*; Legouvé and Labiche, *La cigale chez les jourmis*; Malot, *Sans famille*, *Mariet*, *La tâche du petit Pierre*; Mérimée, *Colomba*; extracts from Michelet; Sarcy, *Le siège de Paris*; Verne's stories.

II. ADVANCED FRENCH

The work should comprise the reading of 400 to 600 pages of French of ordinary difficulty, a portion to be in the dramatic form; constant practice in giving French paraphrases, abstracts or reproductions from memory of selected portions of the matter read; the study of a grammar of moderate completeness; writing from dictation.

Suitable texts are: About's stories; Augier and Sandeau, *Le Gendre de M. Poirier*; Béranger's poems; Corneille, *Le Cid* and *Horace*; Coppée's poems; Daudet, *La belle Nivernaise*; La Brète, *Mon oncle et mon curé*; Madame de Sévigné's letters; Hugo, *Hernani* and *La chute*; Labiche's plays; Loti, *Pêcheur d'Islande*; Mignet's historical writings; Molière, *L'avare* and *Le bourgeois gentilhomme*; Racine, *Athalie*, *Andromaque*, and *Esther*; George Sand's plays and stories; Sandeau, *Mademoiselle de la Seiglière*; Scribe's plays; Thierry, *Récits des temps mérovingiens*; Thiers, *L'expédition de Bonaparte en Egypte*; Vigny, *La canne de jonc*; Voltaire's historical writings.

GERMAN

The admission requirements in elementary and advanced German are those recommended by the Modern Language Association of America.

See page 69 for college courses which correspond to the work prescribed for preparation.

I. ELEMENTARY GERMAN

The first year's work should comprise: (1) careful drill in pronunciation; (2) memorizing and frequent repetition of easy colloquial sentences; (3) drill in the rudiments of grammar, that is, in the inflection of the articles, of such nouns as belong to the language of every-day life, of adjectives, pronouns, weak verbs, and the more usual

strong verbs; also in the use of the more common prepositions, the simpler uses of the modal auxiliaries, and the elementary rules of syntax and word order; (4) abundant easy exercises designed not only to fix in mind the forms and principles of grammar, but also to cultivate readiness in reproducing natural forms of expression; (5) the reading of 75 to 100 pages of graduated texts from a reader, with constant practice in translating into German easy variations upon sentences selected from the reading lesson (the teacher giving the English), and in reproducing from memory sentences previously read.

The second year's work should comprise: (1) the reading of 150 to 200 pages of literature in the form of easy stories and plays; (2) accompanying practice, as before, in translating into German easy variations upon the matter read, also in the off-hand reproduction, sometimes orally and sometimes in writing, of the substance of short and easy selected passages; (3) continued drill in the rudiments of grammar, to enable the pupil, first, to use his knowledge with facility in forming sentences, and secondly, to state his knowledge correctly in the technical language of grammar.

Stories suitable for the elementary course can be selected from the following list: Andersen, *Märchen* and *Bilderbuch ohne Bilder*; Arnold, *Fritz auf Ferien*; Baumbach, *Die Nonna* and *Der Schwiegersohn*; Gerstäcker, *Germelshausen*; Heyse, *L'Arrabbiata*, *Das Mädchen von Treppi*, and *Anfang und Ende*; Hillern, *Höher als die Kirche*; Jensen, *Die braune Erica*; Leander, *Träumereien* and *Kleine Geschichten*; Seidel, *Märchen*, Stökl, *Unter dem Christbaum*; Storm, *Imensee* and *Geschichten aus der Tonne*; Zschokke, *Der zerbrochene Krug*.

The best shorter plays available are: Benedix, *Der Prozess*, *Der Weiberfeind*, and *Günstige Vorzeichen*; Elz, *Er ist nicht eifersüchtig*; Wichert, *An der Majorsecke*; Wilhelmi, *Einer muss heiraten*. Only one of these plays need be read, and the narrative style should predominate. A good selection of reading matter for the second year would be Andersen, *Märchen*, or *Bilderbuch*, or Leander, *Träumereien*, to the extent of about forty pages. Afterward, such a story as *Das kalte Herz*, or *Der zerbrochene Krug*; then *Höher als die Kirche*, or *Imensee*; next a good story by Heyse, Baumbach, or Seidel; lastly *Der Prozess*.

II. ADVANCED GERMAN

The work should comprise, in addition to the elementary course, the reading of about 400 pages of moderately difficult prose and poetry, with constant practice in giving, sometimes orally and sometimes in writing paraphrases, abstracts, or reproductions from memory of selected portions of the matter read; also grammatical drill in the less usual strong verbs, the use of articles, cases, auxiliaries of all kinds, tenses and modes (with especial reference to the infinitive and subjunctive), and likewise in word order and word formation. To do this work two school years are usually required.

Suitable reading matter for the third year can be selected from such works as the following: Ebner-Eschenbach, *Die Freiherren von Gemperlein*; Freytag, *Die Journalisten* and *Bilder aus der deutschen Vergangenheit*, for example, *Karl der Grosse*, *Aus den Kreuzzügen*, *Doktor Luther*, *Aus dem Staat Friedrichs des Grossen*; Fouqué, *Undine*; Gerstäcker, *Irrfahrten*; Goethe, *Hermann und Dorothea* and *Iphigenie*; Heine's poems and *Reisebilder*; Hoffman, *Historische Erzählungen*; Lessing, *Minna von Barnhelm*; Meyer, *Gustav Adolfs Page*; Moser, *Der Bibliothekar*; Riehl, *Novellen*, for example, *Burg Neideck*, *Der Fluch der Schönheit*, *Der stumme Ratsherr*, *Das Spielmannskind*; Rosegger, *Waldheimat*; Schiller, *Der Neffe als Onkel*, *Der Geisterseher*, *Wilhelm Tell*, *Die Jungfrau von Orleans*, *Das Lied von der Glocke*, *Balladen*; Scheffel, *Der Trompeter von Säckingen*; Uhland's poems; Wildenbruch, *Das edle Blut*. A good selection would be: (1) one of Riehl's novelettes; (2) one of Freytag's "pictures"; (3) part of *Undine* or *Der Geisterseher*; (4) a short course of reading in lyrics and ballads; (5) a classical play by Schiller, Lessing, or Goethe.

HISTORY

(Including Historical Geography)

HISTORY I (ANCIENT)

- (a) The history of Greece to the death of Alexander.
- (b) The history of Rome to the Invasions.

Ancient History as defined by the College Entrance Examination Board, extending to 814 A.D., is accepted as an equivalent of (a) and (b).

HISTORY II (ENGLISH AND AMERICAN)

- (a) The history of England.
- (b) The history of the United States.

The examination in each of the two fields (History I and History II) presupposes a systematic course of study of at least one hundred exercises. Schools which do not offer so extensive a course in Ancient History may meet the requirement by combining with Ancient History Mediæval and Modern European History.

PHYSICS

A course extending through one year, involving both class exercises and laboratory work. The class work should include careful study of the whole subject as presented in some good text-book of high grade. The candidate should perform not less than thirty-five experiments requiring careful measurements. When the candidate applies for admission, his note-book containing the original records of these experiments and his reports on the work should be presented, properly certified by the instructor.

CHEMISTRY

The examination will include illustrations from any of the following topics in non-metallic chemistry:

Properties of the principal acid-forming elements and their compounds; simple problems on relations by weight; relations between gas-volumes and the weights of chemically related solids; acids, bases and salts; formation of acids and bases from their salts; valence; series of oxy-acids and their salts; oxidation and reduction; acid anhydrides; hydrated and poly-acids.

PHYSIOGRAPHY

Dryer's *Physical Geography* or Davis's *Elementary Physical Geography*, with laboratory work and excursions for observations of land features. Note-book and laboratory records endorsed by the teacher must be submitted.

BOTANY

The candidate should complete a course of recitation and laboratory work of not less than five hours a week for one half of a school year. The class work should cover the structure and important physiological processes of flowering plants. The candidate should present a laboratory book properly certified by the instructor. No credit will be given for an herbarium. The following text-books are recommended: Bergen's *Foundations of Botany*, Coulter's *Plant Relations and Plant Structures*, Leavitt's *Outlines of Botany*, Stevens's *Introduction to Botany*.

HARMONY

The candidate should acquire : (1) the ability to harmonize in four vocal parts simple melodies of not fewer than eight measures, in soprano or in bass. The harmonization of such melodies requires a knowledge of triads and inversions, of diatonic seventh chords and their inversions, in major and minor modes, and of modulation, transient or complete, to nearly related keys. (2) A knowledge of analysis of ninth chords, of all non-harmonic tones, and of altered chords.

Systematic ear-training (as to interval, melody, and chord) is urgently recommended as part of the preparation for this examination. A full knowledge of the rudiments of music,—scales, intervals, and staff notation, is expected.

TIME, PLACES, AND ORDER OF EXAMINATIONS

On recommendation by the Principal of their school, candidates are allowed to take examinations in any of the subjects required for admission. The candidate may, at his option, take his examinations in two parts, preliminary and final, thus dividing his subjects between two years or between June and September of the same year. Credits given for preliminary examinations are valid for one year only. Candidates are advised to reserve for their final examinations the following subjects: Homer, Vergil, Greek and Latin prose composition, algebra or geometry, and English B.

The first examinations begin at 2 P.M. on Tuesday (June 16,

1908), and close on Friday of the week preceding Commencement. The result of these examinations is sent to the candidates by mail, within two weeks after the examinations are held. Credits for successful work are valid for one year only.

The second examinations for admission begin at 2 P.M. on the last Monday of the summer vacation (September 21, 1908), and close on the following Thursday. These regular examinations for admission to the College are held in Room 5, Walker Hall, at Amherst, and all candidates should present themselves promptly at the hour assigned for registration. A fee of five dollars is charged for examinations whether taken at Amherst or elsewhere. Credit will be given for this amount on the first term-bill due after the student's entrance to college.

Examination papers will be sent, free of charge, to any preparatory school of good standing, where there are candidates for admission, provided its principal will conduct the examinations simultaneously with those at Amherst, without expense to the College, and will collect the examination fee. Applications for examinations elsewhere than at Amherst should be made to the Registrar not later than June 1.

The order of examinations, in both June and September, is as follows:—

FIRST DAY

P.M.

2.00-2.15	Registration
2.15-3.45	Plane Geometry
4.00-5.30	Elementary Algebra

SECOND DAY

A.M.

8.30-10.15	Elementary Latin
10.15-11.45	Advanced Latin

P.M.

2.00-3.30	English I
	English II
3.45-4.45	History II
4.45-5.45	History I

THIRD DAY

A.M.		P.M.	
8.30-10.00	Elementary Greek	2.00-3.30	Elementary German
10.15-11.45	Advanced Greek		Advanced German
11.45-12.30	Chemistry, Physics	3.45-5.15	Elementary French
			Advanced French

FOURTH DAY

A.M.	
8.00- 9.00	Advanced Algebra
9.00-10.00	Solid Geometry
10.15-11.15	Trigonometry

For Porter Admission Prize see page 116.

ADMISSION ON CERTIFICATE

From certain preparatory schools of approved standing, certificates of fitness to enter College are received in place of entrance examinations; but such certificates must be filled out in detail in accordance with forms printed by the College and furnished to principals of such schools upon application to the Registrar.

Such admission by certificates allows a student to enter College conditionally upon his proving himself able to do the full work of his class; and at any time during the Freshman year he may be dropped from the class in case his work is not satisfactory. In order to meet the full requirements in these subjects, certificates in Greek and Latin must specify that the candidate has pursued a systematic course of study, not less than five hours a week, during three school years for Greek and four for Latin. In elementary algebra and plane geometry no certificate will be accepted for work that has not been pursued or reviewed within the two years preceding the date of the certificate. No certificate will be accepted for work in solid geometry, advanced algebra and

plane trigonometry. In general the amount of work required in each subject is indicated in the detailed description already given under subjects for examination.

Certificates will be received from those schools in New England which have been approved by the New England College Entrance Certificate Board. Principals of schools in New England who desire the certificate privilege should address the Secretary of the Board, Professor Nathaniel F. Davis, 159 Brown Street, Providence, Rhode Island. From schools outside of New England, already approved by this College, students are received on certificate, as heretofore.

ADMISSION ON CERTIFICATE OF EXAMINATIONS

The pass-cards, certificates, and diplomas given by the Regents of the University of the State of New York are accepted in place of entrance examinations in subjects which they cover. It is to be noted, however, that in Greek, in addition to their requirements, an examination must be taken upon the fourth book of the *Anabasis*, and the translation of Greek at sight, and that in Mathematics, such certificates are accepted only so far as they cover the requirements of Amherst College, stated on page 49.

Certificates of the College Entrance Examination Board are accepted. In 1908 the examinations of this board will be held June 15-20. All applications for such examination must be received by the Secretary of the College Entrance Examination Board, Post Office Sub-Station 84, New York, N. Y., on or before Monday, May 25, 1908, and must be made upon a blank form to be obtained from the Secretary of the Board upon application.

Certificates of the New York State Examinations Board are accepted.

CONDITIONS

A candidate may be admitted even if he has some deficiencies in the studies required; but those deficiencies must be removed to the satisfaction of the Faculty before he can be advanced to the Junior class. The precise number of deficiencies allowed is not specified, but each case is considered on its merits.

ADMISSION TO ADVANCED STANDING

No student is admitted to advanced standing later than the beginning of Senior year.

Candidates for admission to advanced standing are examined in the studies that have been pursued by the class they wish to enter; also in the requirements for admission to the Freshman class, if advanced standing has not been regularly attained in another college. In applying for admission to advanced standing at Amherst, a student from another college should present a letter of honorable dismissal, together with a detailed certified statement of the work done by him in each department of study at the college from which he comes. Due credit is given for all such work, if certified by a college of acknowledged standing. For the particular books in Greek, Latin, or modern languages studied by each class, and indicated in this catalogue, equivalent amounts may be offered from other books in the same language; but prose will not be accepted for poetry. For examinations for advanced standing a fee of three dollars is charged in each subject.

Courses of Instruction

ALL courses are assigned three hours each week, except Mathematics 1 and 2, which are four-hour courses. In numbering of courses an odd numeral denotes the first semester, an even numeral the second semester.

In Freshman year those students who have presented for admission both ancient languages, elementary and advanced, pursue the study of those languages, of Mathematics and English, and choose one course. Those who have presented, besides Latin and Greek, a modern language, elementary and advanced, may elect that language instead of one of the ancient languages. Those who have presented one ancient language pursue the study of that language, of a modern language, of Mathematics and English, and elect one course.

The required studies of Freshman year in the Scientific course are Mathematics, English, and two modern languages. One course is elected each semester.

In Sophomore and Junior years each student elects five, and in Senior year four courses. The first semester of Senior year a fifth course is chosen, which may be Debates (a one-hour course) or any three-hour course to count as a one-hour course. The courses open to each class are indicated on page 82.

No student is allowed to take a less number of courses than the number named for each year. Extra courses may be taken, subject to approval by the Administration Committee. No student is allowed to take more than six courses in a semester. For conditions of graduation in less than four years see page 99.

Candidates for the degree of Bachelor of Science shall complete

second year German, and second year French, Italian, or Spanish, and, in addition to the studies of Freshman year, twenty-eight semester courses, twelve of which are to be chosen from sciences, mathematics, or economics. Sciences taken in Freshman year are included in the twelve courses. Not more than two courses in economics may be reckoned in the twelve courses.

PHILOSOPHY

PROFESSOR NEWLIN

1. Psychology and pedagogics.
Psychology (experimental, animal, morbid); mental evolution; pedagogics and educational psychology.
2. Psychology and sociology.
Psychology continued; introduction to philosophy; epistemology; outline of sociology; metaphysics of ethics.
3. Ethics and history of philosophy.
Political obligations; objective ethics; æsthetics; outline history of philosophy; philosophy of religion. Omitted in 1907-1908.

PROFESSORS WOODBRIDGE AND NEWLIN

5. Modern Philosophy.

The reading and discussion of the works of Locke, Berkeley, Hume and Kant will be supplemented by lectures on the history of modern philosophy. The development of modern science as a body of knowledge will be considered, and the relation between science and metaphysics examined. Locke's *Essay Concerning Human Understanding* (Bohn edition); Berkeley's *New Theory of Vision* and *Principles of Human Knowledge* (Open Court edition) or Fraser's *Selections from Berkeley* (Clarendon Press); Hume's *Inquiry Concerning Human Understanding* (Open Court edition) Watson's *Selections from Kant* (Holt); Nunn's *Aims and Achievements of Scientific Method* (Macmillan).

This course is substituted for course 3 in 1907-1908.

HISTORY

PROFESSORS GALLINGER AND THOMPSON

1. General European history during the Middle Ages, 375-1453, preceded by a brief review of ancient history.
2. General European history from the close of the Middle Ages to the end of the Thirty Years' War, 1453-1648. A continuation of course 1.

PROFESSOR GALLINGER

3. English history during the Tudor and Stuart periods (1485-1689), with a review of the founding of English political institutions. Omitted in 1907-1908.
4. English history from the revolution of 1689 to the Reform Bill, 1832. Omitted in 1907-1908.
5. The Renaissance.

This course includes the political development of the principal Italian states from 1300 to 1500, the new learning, literature, and art of the period, economic change and the discovery of new lands. On certain aspects of the movement lectures will be given by instructors from other departments. (1 or its equivalent requisite.)

6. The Colonial Era of American history, 1492-1763.

Courses 5 and 6 are given alternate years with 3 and 4.

PROFESSOR F. L. THOMPSON

7. European history from the Peace of Westphalia to the beginning of the French revolution, 1648-1789.
8. European history, 1789-1870.
9. Political and constitutional history of the United States to the election of Jackson, 1765-1828.
10. Political and constitutional history of the United States since the election of Jackson.

ECONOMICS

PROFESSOR CROOK

1. Outlines of Economics. Seager's *Introduction to Economics*; Bullock's *Selected Readings in Economics*.

2. Money and Banking. Johnson's *Money and Currency*; Dunbar's *Theory and History of Banking*. The monetary and banking systems of England, France, Germany, and the United States. Omitted in 1907-1908.

3. Sociology. Blackmar's *Elements of Sociology*; Warner's *American Charities*; Wine's *Punishment and Reform*; Divine's *Principles of Relief*; Carver's *Sociology and Social Progress*.

4. Public Finance. Adams' *Finance*; State Tax Commission Reports.

6. Socialism and Social Problems. The writings of the four groups of social reformers are studied: the Utopists, the Moral and Ethical group, the Socialist group, and the Fabians. Omitted in 1907-1908.

For 2, 4, and 6, or alternates, 1 is requisite. Juniors may elect only two of these courses.

7. Advanced work in Economic Theory. Assigned readings in Smith, Ricardo, Mill, Marshall, the Austrian, Italian, and American economists. (1 requisite.)

8. Trusts and Transportation. Ripley's *Transportation*; Johnson's *American Railway Transportation*; Meade's *Trust Finance*.

10. Labor Problem, including trades-unionism and the wage question. Lectures and assigned readings.

Courses 8, 10 are given alternate years with 2, 6.

The department conducts an economic and sociological seminar once each week during the winter months, to which are admitted those who have attained high standing in Economics 1 and 3.

MODERN GOVERNMENT AND INTERNATIONAL LAW

PROFESSOR GROSVENOR

2. Fundamentals of international law; definitions; the state; attributes of a state; government; object and test of government; influence of original theories, of time and of circumstances; governments as single or federal, as monarchic, aristocratic or democratic, as constitutional or arbitrary.

3. Existing governments, national, municipal, and local, in the states of Europe and America, and in Japan, China, India, and Australia. (2 requisite.)

4. The rights of states; international intercourse; relations of states at war; belligerents and neutrals; history, progress and future of international law. (2 and 3 requisite.)

Under the governmental systems of different states their constitutions, administrative methods, and fundamental political ideas are discussed. The physical, ethical, and religious condition of peoples is investigated to ascertain the influence of such conditions upon their political life. Attention is paid to special topics of contemporaneous interest. During each semester at least one thesis and two discussions will be presented by each student upon subjects assigned. Grosvenor's *Contemporary History*. Wilson's *The State*. Lawrence's *International Law*.

BIBLICAL LITERATURE

PROFESSOR GENUNG

1. Literature of the Old Era. (a) As related to the past: history; biography; traditions; laws and temple usages; inbred customs; remnants of ancient song and parable. (b) As related to the future: prophecy; folk and state polity; apocalyptic. (c) As related to the present: folk wisdom; gnomic philosophy; lyric and liturgical poetry.

2. Literature of the New Era. (a) As related to the past:

gospels; notes of apostolic and missionary enterprise; interpretations of the inherited store of ideas. (b) As related to the present: addresses; letters; the new wisdom. (c) As related to the future: prophecies and forecasts; apocalypse.

GREEK

PROFESSOR ELWELL

A. Course for students beginning Greek. *Anabasis*, *Iliad*, and prose composition; four hours a week through the year.

This course is given to three or more students, on application.

1. Homer, *Odyssey*, with study of Homeric characters and collateral reading on Homer.

2. Herodotus, with study of historic characters and collateral reading on Greek historians; Lysias, with study of Athenian life and collateral reading on Attic orators.

PROFESSOR SMITH

3. Sophocles and Euripides, selected dramas; lectures on the development of tragedy and the theatre; study of other selected dramas in an English translation.

4. Plato, *Apology* and *Crito*; Xenophon, *Memorabilia*; lectures and reading on the life and influence of Socrates.

5. The Greek poets; selections from Wright and Abbott's *Golden Treasury of Ancient Greek Poetry*, with lectures on the development of the various types.

6. Demosthenes, *On the Crown*, with lectures and reading on Demosthenes as an orator and as a statesman.

7. Epic poetry; Homer, *The Iliad*, rapid reading; Apollonius Rhodius, *Argonautica III*; lectures and reports on the history and criticism of the Homeric poems. Omitted in 1907-1908.

8. Aristophanes, *Birds*, with lectures on the development of comedy; Æschylus, *Agamemnon*, with a study of the other plays

of the Orestes trilogy in an English translation. Omitted in 1907-1908.

Courses 5, 6 are given alternate years with 7, 8.

PROFESSOR ELWELL

9. The New Testament; the Gospel according to Luke and the Acts of the Apostles, with some account of early versions of the Bible and the history of Christian Greek Literature.

PROFESSOR SMITH

10. Greek Literature; Prose (1908-1909); Poetry (1907-1908); lectures on the development and characteristics of the various types; study of selected examples in an English translation, with reports on special topics.

Knowledge of the Greek language not required.

LATIN

PROFESSOR COWLES AND DR. CLEASBY

1. Cicero, *De Senectute*, or *De Amicitia*; discussion of Latin style; collateral reading on the life and times of Cicero. Livy, book I or XXI; lectures on Rome and Carthage; collateral reading on the Punic wars.

2. Livy continued; exercises in Latin composition on the basis of the text. Horace, *Odes* and *Epodes*; the Horatian metres; collateral reading on Horace as a lyric poet.

PROFESSOR COWLES

3. Selections from Catullus. Tacitus, *Agricola* and *Germania*, or selections from the *Satires* and *Epistles* of Horace. History of Latin literature.

4. Selections from the *Letters* of Pliny the Younger; illustrated lectures on Roman archæology. Plautus, *Trinummus* and *Captives*, with lectures on the history of the Roman theatre and drama.

PROFESSOR CROWELL

5. Selections from Seneca the philosopher; Petronius, *Cena Trimalchionis*; Quintilian, *De Institutione Oratoria*, book x; history of the literature of the Silver Age.

6. Tacitus, *Histories*, books I and III; history of the literature of the Silver Age; Persius and Juvenal, *Satires* and history of Roman satire; or Justinian, *Institutes*, and history of Roman jurisprudence.

7. Lucretius, selections from *De Rerum Natura*; Cicero, *Immortality of the Soul*; thesis on the life, philosophy, poetry and style of Lucretius.

8. Tertullian, *Liber Apologeticus*; Christian Latin poetry, selections; history of early Christian Latin literature; Justinian, *Institutes*, and history of Roman jurisprudence.

SANSKRIT

PROFESSOR ELWELL

1. Perry's *Primer*; Whitney's *Grammar*; Lanman's *Reader*, *Nala*.

2. Whitney's *Grammar*; Lanman's *Reader*, stories from *Hitopadeṣa* and *Kathā-sarit-sāgara*.

This course is offered in preparation for especial work in comparative philology, and is an introduction to the study of the religions and literatures of India.

4. History and development of the Fable in literature.

Knowledge of Sanskrit not necessary, but ability to read Latin and French is required.

GERMAN

PROFESSOR EASTMAN AND DR. MANTHEY-ZORN

1. Elementary course; grammar, pronunciation, composition, colloquial exercises.

2. Continuation of 1. Composition, syntax, translation from prose selections.

3. Prose composition, with review of grammar; reading of modern prose.

4. Schiller, two or three representative dramas; composition.

5. The German drama of the nineteenth century; Grillparzer, Hebbel; lectures and essays.

6. Goethe, *Faust*. Lectures on the history of the Faust legend; Goethe's life; essays.

PROFESSOR EASTMAN

7, 8. The German novel of the nineteenth century. Omitted in 1908-1909.

Open to students of high rank.

DR. MANTHEY-ZORN

9. Modern German Drama.

10. German lyrics of the nineteenth century.

Open to students of high rank.

PROFESSOR EASTMAN

11, 12. Middle High German.

Two semesters in addition to 5 and 6 requisite.

ROMANCE LANGUAGES

FRENCH

PROFESSOR BAXTER AND DR. LANCASTER

1. Elementary course: pronunciation, grammar (composition), translation. Fraser and Squair's *Abridged French Grammar*; Daudet, *Trois Contes Choisis*; or Halévy, *L'Abbé Constantin*.

2. Continuation of 1. Grandgent's *French Composition, Part I*; or Grandgent's *Materials for French Composition, Part I*

(based on *L'Abbé Constantin*); Dumas, *La Tulipe Noire*; Mérimée, *Colomba*. Outside reading: Bruno, *Le Tour de la France*.

3. Advanced course: rapid reading, syntax (composition). Bevier's *French Grammar*; Sandeau, *Mlle. de la Seiglière*; About, *La Mère de la Marquise*; Le Sage, *Gil Blas*. Outside reading: Lamartine, *Scènes de la Révolution Française*.

4. Continuation of 3, and introduction to French literature. Cameron's *French Composition*; Anatole France, *Le Crime de Sylvestre Bonnard*; Sand, *La Mare au Diable*; Pellissier, *Précis de l'Histoire de la littérature française*. Outside reading: Augier and Sandeau, *Le Gendre de M. Poirier*.

DR. LANCASTER

5, 6. French literature of the seventeenth century, especially the drama. Lectures, discussions, essays. *Théâtre choisi* of Molière, Corneille, and Racine; Descartes, *Discours de la méthode*; Bossuet, *Discours sur l'histoire universelle*; La Fontaine, *Fables*.

DR. GALPIN

7, 8. French poetry and drama of the nineteenth century.

DR. LANCASTER

9, 10. Selections from the Old French chronicles; *Chanson de Roland*; *Aucassin et Nicolette*. Lectures on the history of the French language.

This course is open only to students of high rank. 5, 6, 7, and 8 requisite.

ITALIAN

PROFESSOR BAXTER

1, 2. Pronunciation, grammar, translation. Stories by De Amicis, Castelnovo, Farina, Verga, Fucini, and Serao; Manzoni, *I Promessi Sposi*.

3, 4. Reading, composition and lectures on the history of Italian literature. Works of Fogazzaro and Capuana.

5, 6, alternates of 3 and 4. Dante, *Vita Nuova*, *Divina Commedia* (*Inferno*); selected tales from Boccaccio, *Decamerone* (*Fornaciari*); Ariosto, *Orlando Furioso*. 5, 6 omitted in 1908-1909.

SPANISH

DR. GALPIN

1, 2. Pronunciation, grammar, translation. Hills and Ford's *Spanish Grammar*; Alarcón, *Novelas Cortas Escogidas*, *El Capitán Veneno*; Valera, *El Pájaro Verde*.

3. The Spanish novel. Reading of modern prose fiction (Galdós, Bazán, Valera, Alarcón). Lectures on the development of the novel in Spain.

4. *Don Quijote*. Reading of the text. Lectures on the life and works of Cervantes.

5, 6, alternates of 3 and 4. The Spanish drama. Reading of representative plays of Lope de Vega, Guillén de Castro, Tirso de Molina, Alarcón, Calderón, Moratín, and Galdós. Lectures on the history of the Spanish drama. 5, 6 omitted in 1907-1908.

ENGLISH

PROFESSOR ERSKINE AND DR. UTTER

1. Composition; exposition. Weekly themes and consultations; reading in standard authors.

2. Continuation of 1; description and narration.

DR. UTTER

4. American Literature.

PROFESSOR ERSKINE AND DR. UTTER

5. General introduction to English literature, 1700-1892; themes and consultations.

6. Continuation of 5.

PROFESSOR GENUNG

7. English literature of the Victorian age; essayists and critics; lectures, readings, discussions.
8. Continuation of 7; the Victorian poets.

PROFESSOR CHURCHILL

9. The Drama as a species of art, its aims, principles, and methods; Greek, Roman, French, German, and English dramas as examples and illustrations. Omitted in 1907-1908.
10. The English Drama; rise and development; works of the predecessors of Shakspeare; plays of Shakspeare. Omitted in 1907-1908.
11. Prose Fiction as a species of art, its aims, principles, and methods; the novel and the short story; ancient and modern examples.
12. English and American Prose Fiction. Rise and development of the novel and of the short story in England and America.

PROFESSOR ERSKINE

13. Elizabethan non-dramatic literature, 1557-1604.
14. English literature, 1604-1700.
15. Advanced composition.

Open, with the permission of the instructor, to Seniors and to specially qualified Juniors.

16. Continuation of 15.

PROFESSOR CHURCHILL

17. Critical study of English poets: Pope, Cowper, Burns, Byron, Shelley, Wordsworth.
18. Critical study of English prose writers: Early English prose, Elizabethan prose; Addison, Swift, Lamb, De Quincey.

For English 17 and 18, two courses chosen from 9 to 14 are requisite as precedent or parallel courses.

19. Old English (Anglo-Saxon). Cook-Sievers' *Grammar of Old English*; Sweet's *Anglo-Saxon Primer*; Bright's *Anglo-Saxon Reader*; Beowulf; lectures on the origin and development of Old English.

20. Old English Poetry; Beowulf continued; Middle English, especially Chaucer; *Prologue* to the *Canterbury Tales*; lectures on the history of Middle English, and its development into Modern English; Sweet's *Second Middle English Primer*.

21. Old English Literature. Omitted in 1907-1908.

This course is given alternate years with the linguistic course 19, and is devoted to the literature of the period. Courses 19 and 20 are not prerequisite.

22. Middle English Literature. Omitted in 1907-1908.

This course is given alternate years with 20. Special attention is paid to the Middle English lyrics, Piers Plowman, the Arthurian tales, the Mystery plays, Chaucer.

PUBLIC SPEAKING

PROFESSOR CORSA

2. Oral interpretation; declamations, one-hour course; individual training.

Required of all Freshmen.

4. Individual training of contestants for the Freshman Kellogg Prize.

5. Oral interpretation; declamations, one-hour course; individual training.

Required of all Sophomores.

6. Individual training of contestants for the Sophomore Kellogg Prize.

7. Lectures; examples for praxis; oral interpretation; orations; argumentation in debates; discussions; speeches.

9. Debates on social, economic, historical and political questions.

This is a one-hour course, continuing till the end of the winter term. Any elective course may be taken in place of debates the first semester of Senior year with credit of a one-hour course.

ART

PROFESSOR SMITH

1. Greek Art. Sculpture and architecture, introduced by a brief study of the nature and functions of art. Lectures illustrated by photographs, casts, and lantern slides. Collateral reading, with reports on assigned topics.

PROFESSOR BAXTER

2. Roman and Italian Art. (*a*) Roman architecture; Italian architecture, including early Christian, Byzantine, Romanesque, Gothic, and Renaissance. (*b*) Italian sculpture; five lectures. (*c*) Italian painting of the Renaissance; twenty-five lectures. All lectures illustrated by stereopticon. Collateral reading and study of photographs.

MUSIC

PROFESSOR BIGELOW

1. Elements of music; history of the scales; sight-reading; elementary harmony; chord analysis; choral and orchestral work.

2. Chord analysis; sight-reading and harmony continued; history of music; study of forms; choral and orchestral work. (1 requisite.)

- 3, 4. History of music continued; form analysis; musical literature; choral and orchestral work. (1, 2 requisite.)

Pianos and a large Æolian Orchestrille are placed at the disposal of all students taking these courses,

Chorus and Orchestra.

Students not electing the courses outlined above may, if qualified, become members of the chorus or orchestra, and receive credit as follows: four semesters of such work is credited as a semester course; less than two consecutive semesters is not counted. The time required for rehearsals and concerts averages three hours per week.

MATHEMATICS

PROFESSORS OLDS, ESTY AND NEWLIN, AND MR. PARKER

1. Solid and spherical geometry; algebra, including logarithms, graphs, complex numbers, and a brief introduction to the theory of equations.
2. Algebra continued, including choice, chance, determinants, derivatives, and the binomial theorem; plane trigonometry.
3. Descriptive geometry.
4. Descriptive geometry. (Continuation of 3.)
Designed primarily for students who are preparing to enter schools of technology.
5. Plane analytic geometry.
6. Differential and integral calculus.
7. Calculus continued.
8. Analytic mechanics; vector methods introduced.
9. Differential equations, ordinary and partial, with their applications; vector methods continued.
10. Solid analytic geometry.

PHYSICS

PROFESSORS KIMBALL AND J. O. THOMPSON

1. Elementary mechanics; equilibrium and motion of solids, liquids, and gases, capillarity and molecular forces; heat; electricity and magnetism.
2. Electricity and magnetism, continued; sound and light.

3. A course in electric and magnetic measurements and in heat. (1 and 2 requisite.)

4. Heat and elementary thermodynamics and physical optics, with especial reference to interference, diffraction, and polarization, and the optical properties of crystals.

5. Theory of electrostatics, electricity and magnetism, electrolysis and electrolytic conduction, and electric discharge in gases.

6. Dynamo-electric machinery, with especial reference to alternating currents of electricity.

ASTRONOMY AND NAVIGATION

PROFESSOR TODD

1. General and descriptive astronomy and astrophysics. Todd's *New Astronomy*; lectures upon the history of geodesy and astronomy. Observations with telescopes and other apparatus, as laboratory practice. Determinations of time. (Physics 2 requisite.)

2. Practical astronomy and astrophysics (Campbell, Souchon, Frost); *Theoretical Astronomy* (Watson); *Introduction to Celestial Mechanics* (Moulton); *Investigation of the orbit of Uranus*; observatory work with equatorial, transit, and spectroscope. (Mathematics 1, 2, 5, and 6 and Astronomy 1 requisite.)

This course includes the theory of the construction, adjustment, and use of the principal instruments of the astronomical observatory, and each student makes observations with these instruments, and completely calculates, or reduces them. Also the theory of practical computation, the construction of tables of the motions of the heavenly bodies, and of the *Astronomica Ephemeris* and *Nautical Almanac*.

4. History of navigation; naval architecture; instruments of navigation; compass errors and their correction; finding the ship's position; great circle sailing; sextant practice. (Mathematics 1, 2 and Astronomy 1 requisite.)

CHEMISTRY

PROFESSORS HOPKINS AND HALL AND DR. DOUGHTY

1. Fundamental laws. The non-metallic elements and their compounds.
2. Metallic elements and their compounds.
3. Qualitative analysis of bases and acids.
4. General organic chemistry.
5. Quantitative determination of simple compounds and separations of mixed substances.
6. Mineral analysis; special technical and sanitary analysis.

MINERALOGY AND GEOLOGY

PROFESSOR EMERSON

1. Structural and dynamical geology as illustrated by the region around Amherst. Six excursions required, generally on Wednesday afternoons. Fairchild's edition of Leconte's *Elements of Geology*. (Physics 1, 2 and Chemistry 1, 2 requisite.)
2. Historical geology, palæontology, physiography. (1 requisite, Biology 1, 2 desirable.)
3. Field and laboratory work. Survey of an area of glacial and post-glacial beds followed by descriptive mineralogy, crystallography, determination of minerals, petrography (Moses and Parson's *Mineralogy*), or by advanced palæontology. Eastman's translation of von Zittel's *Palæontology*. (Geology 1, 2 and Biology 1, 2 requisite.)
4. Survey of an area of Triassic or Crystalline rocks, or advanced work in mineralogy, petrography, or palæontology.

HYGIENE AND PHYSICAL EDUCATION

PROFESSORS HITCHCOCK AND PHILLIPS

1. Personal hygiene; lectures on fundamental laws affecting health. (One-hour course.) Pyle's *Personal Hygiene*.

2. Human physiology. Martin's *Human Body, Advanced Course*.

Except in Senior year, light gymnastic drill is required four times a week the first and second terms.

BIOLOGY

PROFESSORS TYLER AND LOOMIS

1. Evolution of vertebrates.
2. Evolution of invertebrates.

Laboratory work includes dissection or microscopic study of the principal forms of animal life. The lines of evolution leading to higher animals and man are traced as far as possible. The laws governing human development and the structure and affinities of the great divisions of the animal kingdom are investigated.

3. Comparative anatomy of vertebrates. (1 requisite.)
4. Comparative anatomy of vertebrates and their distribution. (1 and 3 requisite.)
5. Vertebrate embryology. Biological problems. (1 requisite.)
6. Prehistoric man. (1 requisite.)

BOTANY

MR. GOODALE

1. Evolution of the plant kingdom.

The progress of plant life from the lower to the higher forms is studied by means of lectures and laboratory work upon certain types selected as representative of the main groups of plants. Field work is required during the latter part of the semester.

2. Detailed study of the structure and physiology of the Spermatophytes, or seed plants.

During the last eight weeks a course in field-work is offered, in place of laboratory work, to those whose rank is high.

THE HENRY WARD BEECHER LECTURESHIP

This Lectureship is named in honor of Henry Ward Beecher of the class of 1834. It is awarded annually by the Faculty for supplementary lectures in the Departments of History and the Political and Social Sciences, and will pay the holder the sum of five hundred dollars. The lectureship was founded by Frank L. Babbott, M.A., of the class of 1878.

The lecturer this year is Professor Frank W. Taussig of Harvard University. The subject is The Economic Effects of the Tariff during the Period since the Civil War.

Lists of Studies

FRESHMAN YEAR

ALL candidates for a degree take English 1, 2; Mathematics 1, 2; Hygiene 1 (1 hour), Public Speaking 2 (1 hour). Candidates who have entered;

B.A. Group* 1, take also Greek and Latin, and choose one study from the list given below;

B.A. Groups 2 and 3, take also Greek or Latin and a modern language, and choose one study from the list given below;

B.S., take also two modern languages, and choose one study from the list given below.

Candidates who have been accepted in Mathematics II (Solid Geometry, Advanced Algebra, and Trigonometry) at entrance, choose two studies from the list given below. Candidates for B.S. who have presented Latin I and II may become candidates for B.A. by taking the Latin of Freshman year.

ELECTIVES, FRESHMAN YEAR

First Semester

French 1, 3, or 5
German 1, 3, or 5
Mathematics 3
Chemistry 1
Physics 1

Second Semester

French 2, 4, or 6
German 2, 4, or 6
Mathematics 4
Chemistry 2
Physics 2
English 4
Physiology 2

* For definition of groups see page 44.

LIST OF ELECTIVES

Each student elects five courses Sophomore, Junior, and the first semester of Senior year and four courses the second semester of Senior year.

	SOPHOMORE YEAR	JUNIOR YEAR	SENIOR YEAR
Art		1-2	
Astronomy			1 to 4
Biblical Literature ..		1-2	
Biology	1-2	3 to 6	
Botany	1-2		
Chemistry	1 to 4	5-6	
Economics		1-2, 4, 6, 8, 10	3, 7
English	1 to 8	9 to 16, 19 to 22	17-18
French	1 to 6	7-8	9-10
Geology		1-2	3-4
German	1 to 6	7 to 10	11-12
Greek	A, 1 to 4	5 to 10	
History	1-2	3 to 8	9-10
Italian	1-2	3 to 6	
Latin	1 to 4	5-6	7-8
Mathematics	1 to 6	7-8	9-10
Modern Gov'ts		2	3-4
Music	1-2	3-4	
Philosophy		1-2	3, 5
Physics	1 to 4	5-6	
Physiology	2		
Public Speaking	5 (req.)	7	9
Sanskrit		1 to 4	
Spanish	1-2	3 to 6 and any preceding courses	and any pre- ceding courses

Clubs and Societies

ROMANCE CLUB

THE Romance Club is a student organization whose object is to encourage conversation in French, Spanish, and Italian, — the only languages permitted in the Club Room. It is purely social in character, being quite independent of the conversation classes conducted by the department. To further the object of the Club regular, informal, weekly meetings are held, foreign dailies and illustrated weeklies are kept on file in the Club Room, which is always open to members, distinguished foreigners are invited to speak in their native tongue under the auspices of the Club, plays are presented, and finally members are encouraged to travel in the Latin countries and to recount their experiences to the Club on their return.

GERMAN CLUB

The German Club is an organization of students for the purpose of gaining facility in speaking the language. Members have access at all times to the rooms, which are provided with German newspapers, illustrated papers, and reviews. Weekly meetings are held, at which German only is spoken.

LITERARY CLUB

The Literary Club, meeting fortnightly, is organized and conducted by students, but the teachers of English are active members. The purpose of the Club is to increase interest in

English literature, to form correct literary opinions, and to promote free discussion of literary subjects. Special attention is given to modern and current literature. The Club also affords opportunity to hear prominent lecturers from outside the College.

HISTORY CLUB

The History Club is an association of students who are especially interested in history and meet fortnightly for the study of some subject not included in the regular courses.

CHORUS AND ORCHESTRAL WORK

A chorus and orchestra consisting of students, faculty, and citizens of the town and vicinity, render during the college year and at Commencement some of the larger musical masterpieces, thus giving all who can sing, or play an instrument, an opportunity for practice and development in good music. The works studied, thus far, are Mendelssohn's Oratorios *St. Paul* and *Hymn of Praise*, Händel's *Dettingen Te Deum*, Mendelssohn's *Hear my Prayer*, the overture to Von Weber's *Freischütz*, Händel's *Messiah*, Beethoven's *Seventh Symphony*, Mozart's *Requiem Mass* and *Zauberflöte Overture*, Mendelssohn's *Elijah* and Haydn's *Creation*.

COLLEGE CHOIR

Students who have good voices and have had experience in singing may become members of the choir, whenever there are vacancies. They receive remuneration for their services.

The duties of the choir are to lead singing daily at morning prayers, and at the Sunday morning service, and to attend such choir and chorus rehearsals as may be appointed.

Buildings and Equipment

AMHERST COLLEGE is situated on the slope of the Connecticut valley, four miles east of the river. Beyond the broad valley on the west are the Hampshire and Berkshire hills, on the south is the Holyoke range, on the north are Mount Toby and the Sugar Loaf mountains, on the east are the Pelham Hills. The College is placed on a broad eminence at the center of this circle of mountains and ranges, looking out in every direction on beautiful scenery.

THE LIBRARY

The library contains about eighty thousand volumes. The funds available for the increase of the library yield an annual income of about four thousand dollars, which is expended under the direction of the library committee in such a way as to do justice to each department of the library.

The reading-room is large and attractive, and is supplied with the best foreign and American periodicals. Open shelves contain encyclopædias, dictionaries, and other books of reference, together with such books as are temporarily assigned to reading-room use by teachers in the different departments.

Members of the College are allowed free access, under a few necessary limitations, to the bookshelves. In addition to the use of books in the library building, each student is permitted to have out three volumes at a time.

During term-time the College library and reading-room are open from 8.30 A.M. to 9.30 P.M. every day except Sundays

and holidays. During vacations the library and reading-room are open five hours daily, except from August 15 to September 15.

The library building bears the name of The Henry T. Morgan Library, in recognition of the munificent bequests of the late Henry T. Morgan of New York.

THE MATHER ART MUSEUM

For purposes of instruction in the history of Art, the College is well equipped with reproductions illustrating various periods and schools. The large collection of plaster casts which occupies the entire third floor of Williston Hall, as well as the vestibule and stairway leading to it, has been named in honor of the late Professor Richard H. Mather, D.D., in recognition of the fact that it was brought together solely through his agency. It comprises nearly one hundred casts of acknowledged excellence, of which some fifty, of the size of the originals, illustrate Egyptian, Mycenæan, Greek, and Roman sculpture, both in the round and in relief. Of later sculptors, Michelangelo, John of Bologna, Canova, and Thorwaldsen are represented. Among the copies of important bas-reliefs, the most noteworthy is that of the Parthenaïc frieze from the Parthenon, which encircles the main hall. There are also about forty statuettes and busts in the collection, all from antique or Renaissance originals. At the east end of the hall are full-sized casts of the Ghiberti gates in the Baptistry at Florence, while the corresponding space at the west end is filled by a reproduction of Crawford's doors of the Capitol at Washington.

Entrance to the Museum is gained through the central door on the north side of Williston Hall, or through the smaller door, on the same side, leading to the Greek room. It is open every week-day, while College is in session, from 2 to 3 P.M. At other times visitors are admitted on application to the custodian.

In addition to the resources of the Mather Museum, the rooms of several departments of the College are supplied with art reproductions of various kinds. The Latin and Greek rooms, both in Williston Hall, possess many important casts in bronze and plaster, as well as large collections of photographs, engravings, and stereopticon slides. In the Art Room of the library, at the right of the entrance, is the Italian Art Collection of more than one thousand carbon photographs and lantern slides illustrative of Italian painting of the Renaissance. In the same room are two cases of Eastern antiquities, such as Assyrian and Babylonian seals, cylinders, bricks, and fragments; and in the vestibule of the library are several Assyrian slabs, with inscriptions in cuneiform characters, dated about 900 B.C., which were obtained by the late Dr. Henry Lobdell of the class of 1849 from the walls of the palace of Assurnazirpal at Nimroud.

LABORATORIES AND APPARATUS

Laboratories for chemistry and physics have been erected upon land added to the College campus by the gift of the late D. Willis James, LL.D., of New York. The chemical laboratory has ample accommodations for all needs of the department. It contains on the first floor a laboratory and balance room for quantitative analysis; also another laboratory, arranged with sixty desks, fitted for qualitative work. Upon the second floor is a lecture room with accommodation for the largest classes, and adjoining is a commodious room for all preparations and apparatus for lecture experiments. Upon the same floor is a working laboratory for students in general chemistry, where sixty can easily be accommodated at one time. Also on this floor is a laboratory arranged for organic and sanitary work, with a combustion room adjacent. Upon each floor is a convenient recitation room for drill work. A library room is in proximity to the

work of the more advanced students. In the well-lighted basement are storerooms for glassware, chemicals, and acids, an assay room, a gas analysis room, and a workshop.

On the main floor of the physical laboratory is a large lecture-room, provided with a variety of arrangements to aid in demonstrations. Adjoining the lecture-room is an apparatus room with a valuable collection for lecture illustration. There are also on this floor a library and reading-room, a recitation room, and a room for experimental work in electricity. On the upper floor are laboratories for elementary experimental work, a balance room, a photographic developing room, a dark room for general purposes, an optical room, and a spectroscopy room equipped with a powerful concave-grating spectroscopy. In the basement are battery rooms, a uniform temperature room, a room for special researches, and a well-equipped workshop and dynamo room, with steam and water power. Throughout the building slate shelves and brackets are built into the walls to secure steadiness, and in the basement are substantial piers. The collection of apparatus includes many instruments of precision suitable for investigation as well as instruction.

The biological laboratory is connected with the Appleton Cabinet. On the first floor is the recitation room, containing the study collections of animals and a full local herbarium. The collection is illustrated by a set of Leuckart's wall charts. Adjoining the recitation room is the reading-room, or department library. This library, the gift of former students in the department, contains at present about two hundred and fifty volumes, and includes two or more copies of the larger and more expensive text-books and books of reference. The student is thus enabled to study the specimen with the best charts and books of reference immediately within his reach. On the south side of the second floor is the laboratory for beginners. On the north side is the laboratory for advanced work, with accommodations for about

twenty students. Both laboratories are abundantly supplied with microscopes, microtomes, and all needed instruments.

The geological laboratory is connected with the Woods Cabinet, which contains a large mineralogical collection.

A fund of one hundred and fifty thousand dollars has been provided for new biological and geological laboratories, which will be completed in 1908.

THE OBSERVATORY

The Observatory and its equipment are maintained both for educational purposes and for original research. The old Observatory, built in 1847 on the College grounds, has been dismantled and is no longer used.

A bequest of the late Charles T. Wilder of Wellesley Hills, supplemented by a gift of the late D. Willis James, LL.D., of New York, has enabled the Trustees to acquire an excellent site near the College, upon which the new Observatory, with a thoroughly modern equipment, has been placed. The large dome is thirty-five feet in diameter, and houses an eighteen-inch Clark telescope. The small dome contains a seven and one fourth inch refractor. The observatory equipment comprises a twelve-inch reflector, the gift of Rev. Albert J. Lyman, D.D., of Brooklyn, and built by his father; a six-inch Edgecomb reflector, the gift of the late Leonard W. Pope of the class of 1902; an altazimuth, two transits with the usual accessories for meridian observations, instruments for instruction in the theory and practice of navigation, and much other apparatus in large part photographic and chiefly of use on eclipse expeditions.

The land included in the Observatory property is about seven and one half acres. Adjoining property owned by the College, and which may be regarded as additional protection, approaches thirty acres in extent.

THE NATURAL HISTORY COLLECTIONS

The Woods Cabinet is named in honor of its principal donor, the late Hon. Josiah B. Woods of Enfield. It contains all the geological collections of the College, consisting of the general American and European collections, the State survey collections of New Hampshire, Vermont, Massachusetts, and Connecticut, and the Shepard meteorite collection; comprising in all about twenty-five thousand specimens.

In the Appleton Cabinet, named in honor of the late Hon. Samuel Appleton of Boston, are the Hitchcock ichnological collection, the Gilbert museum of Indian relics, and the Adams zoölogical collection.

In the ichnological collection, named after President Hitchcock, are to be found about fourteen hundred specimens, containing at least twenty thousand tracks of animals in stone, together with plaster and clay casts of tracks of living and extinct species of animals. The museum of Indian relics receives its name from the Hon. George Gilbert of Ware, by whose liberality it was mainly established. It comprises about thirty-five hundred specimens of the stone implements of extinct Indian tribes, principally those who lived in the Connecticut valley. The zoölogical collection was originally gathered and arranged by the late Professor Charles B. Adams of the class of 1834. It comprises prepared specimens of animals and their habitations, and dried plants, representing all the great groups of the animal and vegetable kingdoms. In the department of shells it is particularly extensive and valuable. A collection in comparative osteology, and the clastic models of Auzoux, are incorporated with the zoölogical collection. The collections arranged in these several cabinets contain more than one hundred thousand specimens of the animal, mineral, and vegetable kingdoms.

By the gift of the Hon. Elbert E. Farman, LL.D., of the class

of 1855, the College possesses Audubon's celebrated collection of birds, amounting in all to about six hundred specimens. Many of these are the typical specimens by which the species were determined, and about one hundred have been mounted for exhibition in the Appleton Cabinet. The same donor has added to this collection several of the rarer California birds which have been discovered since the death of Audubon.

The cabinets are open to the public every week-day from 3 to 4 P.M.

LECTURE AND RECITATION HALLS

Walker Hall, a granite building, named for the donor, the late William J. Walker, of Newport, Rhode Island, contains nine lecture-rooms for philosophy, history, modern government, English and mathematics, and the offices of the President, Treasurer, and Registrar.

Williston Hall, a brick building, named for the donor, the late Samuel Williston of Easthampton, contains the Latin, Greek, and English lecture-rooms, the Art Museum, and the rooms of the Christian Association.

Barrett Hall, a stone building, was the first college gymnasium in this country, erected in 1859, and named for the late Benjamin Barrett, M.D., of Northampton. The building was restored in 1907 by means of the fund given by Edward A. Strong of the Class of 1855. It is now arranged for lecture-rooms and is occupied by the departments of modern languages, and by the German and Romance Clubs.

Hitchcock Hall, a brick building, named for Edward Hitchcock, LL.D., of the Class of 1849, contains a large hall on the first floor which is occupied by the department of Music, and on the second floor, the rooms of the two College publications, the *Student* and the *Literary Monthly*, and the Literary Club.

THE COLLEGE CHAPEL

The Chapel, one of the oldest buildings, erected in 1828, contains Johnson Chapel, where morning religious services are conducted, five lecture-rooms, and a small hall.

THE COLLEGE CHURCH

The College Church, the gift of William F. Stearns, is a beautiful Gothic edifice, in which preaching services are held on Sundays.

COLLEGE HALL

College Hall, a brick building, originally the village church, was restored in 1905 by the Class of 1884. It is in the colonial style of architecture, with a graceful portico and cupola. It has wide galleries and accommodates about one thousand persons. Every class since 1828, when the church was built, has been graduated in this hall. It is the place where Commencement exercises are held, oratorios rendered, public lectures given, and student mass-meetings gathered.

The Pratt Gymnasium and Natatorium

THE Pratt Gymnasium is the gift of Charles M. Pratt, M.A., of the class of 1879. The main hall affords ample space for a class to have drill practice with light apparatus, and to execute certain marching movements. The equipment of specialized apparatus is complete, and enables a large number of students to take individual exercise simultaneously. The facilities of the dressing-room and the bathing-rooms are abundant.

On the main floor are the offices of the Professors of hygiene and rooms containing anthropometric apparatus for the measure-

ment and examination of students. The two physicians of the College are in daily attendance, to give personal care and advice respecting the bodily needs and exercises of the students.

One division of the building contains a fencing room and hand-ball court. In the basement are the bowling-alleys, a sparring room, and baseball cage. The gymnasium is open every week-day from 8.45 A.M. to 6 P.M. and for special purposes in the evening.

The Pratt Swimming Pool is the gift of Harold I. Pratt, B.S., of the class of 1900. The pool is seventy-five feet long and twenty-two feet wide. Apparatus for water sports is provided. The building which contains the swimming pool is connected by a corridor with the Gymnasium. The pool is on the first floor, with a platform for spectators. On the second floor are one double and three single squash-racquet courts, the gift of Mortimer L. Schiff, M.A., of the Class of 1896. The pool and the racquet courts are free to all students.

The Pratt Field and Skating Rink

THE Pratt Field, an area of about thirteen acres, less than one third of a mile from the College, is the gift of Frederic B. Pratt, M.A., of the class of 1887. It is intended for out-door recreation of all students of the College. It is provided with a well-laid quarter-mile track and space for field contests, a baseball diamond, football grounds and tennis courts. The grandstand seats about five hundred, and furnishes standing-room for as many more. In the large space under the stand are dressing-rooms, shower-baths, and storerooms.

The Pratt Skating Rink, built in 1907, is the gift of Charles M. Pratt, M.A., of the class of 1879, for the free use of all

students. It is situated near Pratt Field, and has an area of 200×115 feet. A heated bungalow at the rink-side provides for the comfort of skaters and spectators.

The Pratt Health Cottage

THE Pratt Health Cottage, in an elevated situation three fourths of a mile from the College, is the joint gift of George D. Pratt, B.S., of the class of 1893, Herbert L. Pratt, B.A., of the class of 1895, and John T. Pratt, B.A., of the class of 1896. Its size and equipment are ample for the purposes of an infirmary, where students temporarily disabled by disease or accident may receive treatment in accordance with the liberal provisions of the donors. The College physicians have general charge of the infirmary in all matters except treatment, for which any student is at liberty to employ a physician of his own choice and school of medicine. The arrangements for treating infectious diseases are perfect, and the collection of surgical appliances suitable for emergency cases is complete. The matron, a graduate nurse, is ready at all hours during term-time to relieve sick or disabled students, and provide for their necessities, pending any arrangement for especial treatment. Every case of sickness, whether the student goes to the infirmary or not, must be immediately reported to one of the College physicians. The cost to each patient is only a charge sufficient to defray necessary expense. Provision is made for a limited number of patients by funds given in aid of needy and worthy students, one in memory of Rev. Edmund K. Alden, D.D., of the class of 1844, one in memory of President William S. Clark, LL.D., of the class of 1848, and one in memory of Rev. Thomas P. Field, D.D., of the class of 1834.

Dormitories

THE rooms in North and South Colleges, arranged on the general plan of a separate study and bedroom, allow a choice in suites for one, two, or three students. The buildings are heated with steam and there are tiled open fireplaces in most of the rooms. The floors are hardwood, and may be left uncarpeted and used with rugs. On the second floor of each half of each dormitory there is a bathroom with modern appointments. The hallways and rooms are lighted with electricity. The prices named for room-rent include heat, water, and care of the rooms by capable janitors. Light is charged on term-bills.

A student who is occupying a dormitory room is allowed until the first Monday in May to retain the same for the succeeding year. After that date members of College may draw for choice of unengaged rooms in the following order: on the Tuesday following, members of the incoming Senior class; on the Thursday following, members of the incoming Junior class; and on the Friday following, members of the incoming Sophomore class. After the last date rooms will be rented as called for; or they may be reserved for members of the incoming Freshman class.

Application for rooms should be made to the Treasurer. Bills for room-rent are payable at the Treasurer's office, and are due, one quarter on engaging the room, one quarter on the first of October, and the balance on the first of March.

NORTH COLLEGE

NORTH ENTRY

First Floor : No. 1, \$90; No. 2, \$80; No. 3, \$80; No. 4, \$90.

Second Floor : No. 5, \$115; Nos. 6 and 6A, \$135; No. 8, \$120; Room D, \$55.

Third Floor: No. 9, \$115; No. 10, \$90; No. 11, \$90; No. 12, \$120; Room E, \$60.

Fourth Floor: No. 13, \$110; No. 14, \$85; No. 15, \$85; No. 16, \$115; Room F, \$55.

SOUTH ENTRY

First Floor: No. 17, \$80; No. 18, \$85; No. 19, \$85; No. 20, \$80.

Second Floor: Nos. 21 and 21A, \$135; No. 22, \$115; No. 23, \$120; Room A, \$55.

Third Floor: No. 25, \$90; No. 26, \$115; No. 27, \$120; No. 28, \$90; Room B, \$60.

Fourth Floor: No. 29, \$85; No. 30, \$110; No. 31, \$115; No. 32, \$85; Room C, \$55.

SOUTH COLLEGE

NORTH ENTRY

First Floor: No. 1, \$85; No. 2, \$65; No. 2A, \$40; No. 3, \$40; No. 4, \$85. (Nos. 2 and 2A should rent as a suite, and No. 3 may rent with them.)

Second Floor: No. 5, \$115; Nos. 6 and 6A, \$135; No. 7, \$55; No. 8, \$120.

Third Floor: No. 9, \$115; No. 10, \$90; No. 10A, \$50; No. 10B, \$45; No. 11, \$60; No. 12, \$120. (Nos. 10, 10A, and 10B should rent as a suite; or Nos. 10 and 10A may be rented together, and No. 10B and No. 11 may be rented as a suite.)

Fourth Floor: No. 13, \$110; No. 14, \$80; No. 14A, \$50; No. 14B, \$45; No. 15, \$55; No. 16, \$115. (Nos. 14, 14A and 14B should rent as a suite; or Nos. 14 and 14A may be rented together, and No. 14B may be rented with No. 15 as a suite.)

SOUTH ENTRY

First Floor: No. 17, \$80; No. 18, \$95; No. 19, \$95; No. 20, \$80.

Second Floor: Nos. 21 and 21A, \$135; No. 22, \$125; No. 23, \$125; Room A, \$55.

Third Floor: No. 25, \$95; No. 26, \$125; No. 27, \$125; No. 28, \$95; Room B, \$65.

Fourth Floor: No. 29, \$90; No. 30, \$120; No. 31, \$120; No. 32, \$90; Room C, \$60.

Administration

TERMS AND VACATIONS

THE academic year includes thirty-six weeks of term time, divided into the Autumn, Winter, and Spring terms. There is a recess of two weeks beginning three days before Christmas, a Spring recess of two weeks and a Summer vacation of twelve weeks. Commencement Day is the last Wednesday in June.

Courses of study are arranged in two semesters of eighteen weeks each. A schedule of courses is published before each semester. On Wednesday and Saturday afternoons all exercises are suspended.

ATTENDANCE AT RECITATIONS AND LECTURES

From class-room exercises five absences are allowed from every three-hour course in each semester. In courses involving more or less than three hours a week, and in laboratory courses, the number of allowed absences is one tenth of the total number of exercises. Three tardy marks count as one absence.

A student who has taken one more than the number of absences allowed is reported to the Administration Committee, and placed on probation. If he is absent again, without giving a satisfactory reason, he is excluded from the course.

A student who has more absences than are allowed in any course must make up the work corresponding to those absences before he can be admitted to the final examination. If he fails to do this, five one-hundredths for each absence are deducted from his mark in the course.

All students going home to vote have an opportunity to make up for the necessary absences by special recitations or exercises.

EXAMINATIONS

Examinations are held at the end of each semester, or at intervals during the semester, in all courses. There are no second or make-up examinations after the close of a semester, except in required courses.

A student who has failed in a required course may take a second examination the day before the beginning of the next college year. A student who has failed in mathematics the first semester of Freshman year, may take a second examination at the beginning of the Spring term. A student who has failed in English the first semester of Freshman year may take a second examination at the end of the second semester. A Senior who has failed in any course or courses of the second semester may take a second examination. A Senior who has failed in any course or courses of the first semester, in case there are no courses that can be substituted the second semester, may take a second examination at the end of the second semester. Special semester examinations are granted only by vote of the Administration Committee and in such cases a fee of three dollars is charged for each subject.

DELINQUENCIES

A student who has failed in a required course on a second examination is obliged to repeat it the following year with the next lower class. A student who has failed in an elective course is obliged to repeat it the following year, or may, with the consent of the Administration Committee, substitute another course in one of the two following semesters.

After the first semester of Freshman year, no student may take six courses unless he has passed five courses the previous semester.

A student who, on account of illness, does not take a final examination may be granted the privilege of a special examination, provided he presents a certificate from one of the College physicians.

GRADUATION IN LESS THAN FOUR YEARS

GRADUATION IN THREE YEARS

A student who has at entrance, by examination, credit for two semester courses, may take six courses each semester, besides required work in declamation and hygiene, in order to obtain a degree in three years, provided he maintains an average standing of 75. Written notice of intention to complete the course in three years shall be given at the beginning of the first year.

GRADUATION IN THREE AND ONE-HALF YEARS

A student may complete the course in three and one half years by taking after the first year six courses during three semesters and five courses during two semesters, besides required work in declamation and hygiene, provided he maintains an average standing of 75, and may take his degree at the Commencement following. Written notice of intention to complete the course in three and one-half years shall be given at the beginning of the second year. On completion of the requisite number of courses the student may on petition obtain leave of absence until the time when the degree is conferred.

No student shall take more than the required number of studies in any term in order to shorten the course, or for any other reason, except by permission of the Administration Committee.

ATTENDANCE AT CHURCH AND CHAPEL

Absences from chapel services are allowed upon an average once a week for each semester; from the Sunday service, four absences are allowed in each semester.

Instead of attendance upon the Sunday service of the College Church, any student, on application to the Registrar, is permitted to attend church service elsewhere with the denomination of his choice. If the student is under twenty-one years of age, his application must be accompanied by a written request from his parent or guardian.

All applications for excuses from church and chapel exercises must be made to the Dean.

ATTENDANCE AT GYMNASIUM

Four hours a week of physical exercise are required of the Freshman, Sophomore, and Junior Classes in the first and second terms of the year. Freshmen commence their work at the beginning of the year; Sophomores and Juniors immediately after the Fall Athletic Meet. A limited number of students are excused from attendance at the Gymnasium while they are actively training for one of the athletic teams of the College.

Every student on entering College is required to take a physical examination.

PUBLIC EXHIBITIONS

The following regulations are not intended to apply to games or exhibitions between classes or fraternities of the college.

FOR STUDENTS IN GENERAL

No student whose work is incomplete in more than one course is allowed to take part in any public game or entertainment given by any club, association or team of students, or to occupy the position of manager or assistant manager.

The privilege of connection with any club, association, or team of students is at once withdrawn for the remainder of the semester

in the case of any student who is reported to the Administration Committee as failing in three courses.

No individual student shall compete in athletics outside of Amherst in term-time without first obtaining permission of the Committee on Public Exhibitions.

FOR FRESHMEN

The First Semester. — A freshman who has an entrance condition is not allowed to take part in any public game or exhibition or entertainment given by any club, association, or team of students.

The Second Semester. — A freshman who has an entrance condition or an incomplete semester course, or an average recorded standing below 65, is not allowed to take part in any public game or entertainment given by any club, association or team of students. (These rules do not apply to a freshman football or baseball team.)

A freshman who has more than one incomplete semester course is not eligible to the freshman baseball team.

FOR MANAGERS

Any club, association or team of students proposing to give one or more entertainments or exhibitions, before making any contracts or engagements, must present their plans to the Committee on Public Exhibitions, and no engagements shall be made without the approval of the Committee.

TERM BILLS, BOND AND FEES

Term bills, including tuition, use of library and gymnasium, and all ordinary incidentals amount to one hundred and ten dollars for the year. One half of the annual charge is due on

the first day of October, the other half on the first day of March. A bond of two hundred dollars, with satisfactory surety for the payment of all college bills, must be given to the Treasurer by each student when he enters College.

Each member of the Senior class is required to pay a graduation fee of six dollars.

LABORATORY FEES

Physics	{	First year, each semester	\$5.00
	{	Second and third years, each semester . .	7.00
Biology	{	First year, each semester	5.00
	{	Second and third years, each semester . .	8.00
Chemistry	{	First year, first semester	5.00
	{	First year, second semester	4.00
	{	Second year, first semester	10.00
	{	Second year, second semester	7.50
	{	Third year, each semester	15.00

These fees must be paid on or before the first day of the semester for which they are charged. Dues for breakage must be paid at the close of the semester.

EXPENSES

The following table shows three scales of annual expenditures, omitting clothing, vacation expenses, laboratory charges, membership of societies, and incidentals:—

	Low	Moderate	Liberal
Tuition	\$110	\$110	\$110
Room (one-half)	35	55	75
Furniture (annual average)	10	20	30
Board thirty-six weeks	144	180	216
Fuel and light	10	15	25
	\$309	\$380	\$456

The dormitories accommodate about one hundred and twenty-five students, and the fraternity houses about two hundred. Rooms can be rented at moderate rates in private houses. Board is furnished at various places in the town, at prices from four to seven dollars a week.

RELIGIOUS CULTURE

The Christian life of the College finds expression through the College Church and the Christian Association. Prayers are conducted by the President each week-day morning at a quarter past eight o'clock in Johnson Chapel. All students are required to be present. Public worship is held every Sunday at a quarter before eleven o'clock in the College Church. All students, not excused to attend elsewhere, are required to be present. There are class prayer-meetings and Bible classes on Sunday and a prayer-meeting on Thursday evening. A communion service is held in the College Church three times during the year.

PHYSICAL CULTURE

The department of hygiene and physical education is under the charge of two physicians, who keep themselves acquainted with the health of all the students. Soon after he enters College, and twice thereafter during his collegiate course, each student is minutely examined in reference to his strength and physical condition, and advised as to any particular course he should take for the maintenance and increase of his health and strength. A manual of average measurements, together with a record of his own measurements, is given him; also he is directed to the more advantageous use of the ample appliances with which the Pratt Gymnasium and athletic field are provided.

Besides the exercises which every student may take by himself, the members of each class except Seniors regularly exercise

together in the gymnasium four times every week, during the Autumn and Winter terms. Unless excused for physical disability, every student is required to attend the gymnasium for the performance of these exercises in light gymnastics.

In the natatorium, swimming is taught by a competent instructor. Every student who on entering college cannot swim, is required to learn during the first year.

The results of this system of prescribed gymnastic training pursued in the College have been eminently satisfactory. While hygienists affirm that, as a general rule, the health of a young man from fifteen to twenty-five years of age is apt to decline, the reverse rule is found to prevail with students here. From statistics systematically kept for more than thirty years, it appears that the health of an Amherst College student is likely to grow better each year of his collegiate course. The average health of the Sophomore class is better than that of the Freshman; and of the Junior, better than that of the Sophomore; and of the Senior class best of all. Moreover, this average is shown to come from improvement in the physical condition of the individual student, and not from absence of those who drop out of the course because physically too weak to complete it.

Degrees

DEGREE OF BACHELOR OF ARTS

CANDIDATES for the degree of Bachelor of Arts are required to complete, in addition to the studies of Freshman year, twenty-eight semester-courses and to attain an average grade of 65. Those candidates who present for admission both ancient languages are required to study those languages the first year. Those who present, in addition to Latin and Greek, a modern language, elementary and advanced, may elect that language the first year, instead of one of the ancient languages. Those who present for admission one ancient language are required to study that language through the first year. Diplomas are graded as *rite*, *cum laude*, *magna cum laude*, *summa cum laude*, according to scholarship.

DEGREE OF BACHELOR OF SCIENCE

Candidates for the degree of Bachelor of Science are required to complete, in addition to the studies of Freshman year, twenty-eight semester-courses and to attain an average grade of 65. Besides the mathematics of Freshman year they shall complete twelve semester-courses in natural sciences, mathematics, and economics, of which not more than two may be economic courses. Sciences taken in Freshman year are included in the twelve courses. They shall complete also the second year of German and the second year of a Romance language. Diplomas are graded as *rite*, *cum laude*, *magna cum laude*, *summa cum*

laude, according to scholarship. A student who presents advanced Latin among the requirements for entrance to the Scientific course may become a candidate for the degree of Bachelor of Arts by electing the Latin courses of Freshman year.

DEGREE OF MASTER OF ARTS

The degree of Master of Arts is conferred upon Bachelors of Arts of Amherst College who have spent a year in residence at the college, pursuing a systematic course of liberal, non-professional study, approved by the committee on degrees. Proficiency will be tested by examination or by examination and thesis, as may be determined by the professors under whose direction studies are pursued.

The degree is conferred upon Bachelors of Arts of this college who have been one year in residence at another college and have fulfilled the requirements indicated in the preceding paragraph.

The degree is conferred upon Bachelors of Arts of this college, not in residence at the college, who, not less than three years after graduation, have completed a course of liberal, non-professional study approved by the committee on degrees. Proficiency will be tested by examination or by examination and thesis on a subject approved by the Faculty.

Those who complete, at the end of the first semester of Senior year, the requirements for the degree of Bachelor of Arts, may apply the remainder of the year to studies leading to the degree of Master of Arts and finish their studies in non-residence the following year, receiving the degree one year after graduation.

Every resident candidate shall register his name and subjects of study with the Registrar not later than October 1.

Every non-resident candidate shall register his name and subjects with the Registrar not later than October 1 preceding the Commencement when the degree is conferred.

Every candidate who completes the requirements for the Bachelor's degree at the end of the first semester of Senior year, and applies the remainder of the year to studies leading to the Master's degree, shall register his name and subjects not later than December 1.

Every resident candidate shall pay the regular tuition for each term of residence, and a diploma fee of five dollars. Every non-resident candidate shall pay a fee of ten dollars for examination and diploma.

Communications relative to the requirements for the degree should be addressed to Professor John F. Genung, Chairman of the Committee on Degrees.

SPECIAL COURSE

Special students shall take as many courses as are taken by regular students. The first year they shall study the modern language in which they are prepared, and the required studies of Freshman year for which they are prepared, unless they have taken any of those studies already. Other studies may be chosen from Biology, Chemistry, Physics, Modern Languages, and History. After the first year all studies are elective.

Fellowships

THE ROSWELL DWIGHT HITCHCOCK MEMORIAL FELLOWSHIP

OF two hundred and fifty dollars, offered by the Alpha Delta Phi Fraternity, is awarded annually under conditions determined by the Faculty to a member of the Senior class for excellence in history and the social and economic sciences. The holder of the Fellowship pursues for one year, at an institution approved by the Faculty, a course of study in history or economics, to be completed within the period of two years next following graduation. The amount of the Fellowship is paid in two instalments, one on completion of one half the year's work, the other at the end of the year.

THE RUFUS B. KELLOGG UNIVERSITY FELLOWSHIP

The gift of the late Rufus B. Kellogg of the class of 1858, awards the income of about thirty thousand dollars for seven years to an alumnus of Amherst College, who shall be appointed upon the following conditions: —

(1) He shall be selected by the Faculty from the members of the class graduated at the close of the academic year in which this election shall be made, or from the members of the classes graduated in the six years immediately preceding the academic year in which this election shall be made.

(2) The Faculty shall select as the incumbent of the said Fellowship the man who, in their judgment, is best equipped

for study and research, without regard to any other consideration whatsoever, except that he shall have an especially good knowledge of the Latin and German languages.

(3) The first three years of the term of seven years the incumbent shall spend at a German university (or with the approval of the Faculty of Amherst College, at any other place or places), in the study of philosophy, philology, literature, history, political science, political economy, mathematics, or natural science. The last four years of the term of seven years shall be spent as a lecturer at Amherst College. But the incumbent shall not give more than thirty lectures per annum, and shall not be required to reside at Amherst more than one college term of any year. The lectures shall be upon a subject selected by himself and approved by the Trustees; and the incumbent shall cause the lectures to be published at the end of his official term in good book form. He shall have no occupation or employment during the period of his Fellowship, except such as pertains to the duty of his Fellowship.

The Fellowship was established in 1892.

The Fellowship has been held by Prof. Arthur H. Pierce, Ph.D., of the class of 1888, from 1893 to 1900, and by Frank Otis Reed, Ph.D., of the class of 1899, from 1900 to 1907. The present incumbent is Preserved Smith, Ph.D., of the class of 1901.

THE EDWARD HITCHCOCK FELLOWSHIP

Of five hundred dollars, was founded by the late Mrs. Frank L. Babbott of Brooklyn, N. Y., to promote graduate study in the department of physical education. Its object is to make the student familiar with the best methods of physical training, both in the gymnasium and on the field. The appointment is made by the Faculty.

THE SOUTH END HOUSE FELLOWSHIP

Of five hundred dollars, is provided by alumni of Boston and vicinity. The incumbent is in residence one year at the South End House, Boston, for the purpose of investigating social conditions and rendering service according to the methods of a university settlement. The appointment is made by the Trustees of the College.

Honors

COMMENCEMENT EXERCISES

THE six Seniors who have attained the highest general standing are appointed to deliver orations on Commencement day. The Bond prize of one hundred dollars is awarded to the speaker who delivers the best oration.

THE PHI BETA KAPPA SOCIETY

Those who at the end of the first semester of Junior year have attained a general standing of 90 or more on the scale of one hundred, are, on recommendation of the Faculty, elected members of the Phi Beta Kappa Society. Those who after the first semester of Senior year attain a general standing of 88 or more are, on recommendation of the Faculty, elected members of the society.

President: PROFESSOR GEORGE D. OLDS, LL.D.

Corresponding Secretary: PROFESSOR LEVI H. ELWELL, M.A.

Recording Secretary: MR. JOHN MCCHESENEY, '08.

FINAL HONORS AT GRADUATION

Final honors in a single department of study are awarded for special work involving collateral reading or investigation under the following conditions: —

(1) The candidate must complete the last four semester-courses. The three semester-courses in Modern Government may be

grouped with one semester in History, Philosophy, or Economics, in which a standing of eighty must be maintained. In History the Junior courses 3 and 4 or 5 and 6 may be reckoned as two of the last four courses. The special work of collateral reading or investigation is to be done in the last two courses. No student may be a candidate in more than one department, except by vote of the Administration Committee.

(2) The candidate must have at graduation an average standing of not less than eighty in all studies of the college course; a standing of not less than seventy-five in every study of Senior year, and of ninety in the last year of study in the department in which the honor is sought.

(3) The proficiency of the candidate is tested by special examination or by a thesis, or by both, at the end of Senior year.

(4) Notice of intention to become a candidate must be given to the Registrar by October 10 of the Senior year.

(5) One unit is added to the total average rank of a student who takes final honors. If honors are taken in more than one department, only one unit is added.

(6) The names of successful candidates are announced at Commencement and in the annual catalogue.

HONORABLE MENTION

(1) There must be a standing of not less than eighty in every department for the year.

(2) An average of ninety-three must be maintained for a full year's course in the department in which honorable mention is sought.

The names of those who have honorable mention are announced in the annual catalogue.

Prizes

The following prizes are offered annually for proficiency in the work of several departments of collegiate study: —

GREEK

The Hutchins Prize, of fifty dollars, to the best scholar in Greek at the end of the Junior year, given by the late Waldo Hutchins of the class of 1842. The scholarship is determined chiefly by the regular recitations and examinations of the department, but special studies and examinations may also be required of the candidates.

LATIN

The Bertram Prizes, of fifty, thirty, and twenty dollars respectively, given by the late John Bertram of Salem. These prizes are awarded for the best essays by Seniors upon the beginnings of Latin philosophical literature and of Latin Christian literature, as illustrated by the *De Rerum Natura* of Lucretius, and the *Liber Apologeticus* of Tertullian, with an excursus on the civilization and language of Roman Africa in the second century A.D.

The Billings Prizes, of thirty and of twenty dollars, given by the late Parmly Billings of the class of 1884, for excellence in the Latin of the Senior year.

The Law Latin Prizes, of fifteen and of ten dollars, for excellence in the Law Latin of the Senior year.

The Junior Prizes, of forty and of twenty dollars for the highest scholarship in the Latin of the Junior year, together with special work.

The Sophomore Prizes, of twenty-five and of ten dollars, for the best examinations on portions of the work especially connected with

the study of Latin Philology, together with general excellence in the work of the year.

The Freshman Prizes, of twenty and of ten dollars, for the highest scholarship in the work of Freshman year. The award will generally be determined by the regular recitations and examinations, but a special examination may be required.

ENGLISH

The Kellogg Prizes, one of fifty dollars to a member of the Sophomore class, and one of fifty dollars to a member of the Freshman class, given by the late Rufus B. Kellogg of the class of 1858, for excellence in declamation.

The Hardy Prizes, of thirty and of twenty dollars, given by the late Alpheus Hardy of Boston, for improvement in extemporaneous speaking.

The Hyde Prize, of one hundred dollars, given by Benjamin D. Hyde of the class of 1894, in memory of his father Henry D. Hyde of the class of 1861, to that member of the Senior class who produces the best oration. Both composition and delivery are considered in making the award.

The Bond Prize, of one hundred dollars, given by the late Ephraim W. Bond of the class of 1841, for the best production spoken on the Commencement stage. The award is determined by the Trustees, or by a committee whom they may appoint.

The Kent Prize in English Literature, of one hundred dollars, given by Daniel Kent of the class of 1875, for the best essay upon an assigned subject.

The Ladd Prizes, of fifty dollars in books, given by John W. Ladd of Portland, Oregon, to members of the class in public speaking who excel in oratorical composition the first semester of Junior year.

The Armstrong Prizes, of one hundred dollars in books, given by Collin Armstrong of the class of 1877, in memory of his mother, Miriam Collin Armstrong, to members of the Freshman Class who excel in composition.

The Hagen Prize in English Literature, of fifty dollars, given by Winston H. Hagen of the class of 1879. For the year 1907-1908

the prize will be assigned for the best work in either of the English courses 11 and 12, 13 and 14, together with the best examination upon certain special work.

BIBLICAL LITERATURE

The Boynton Prizes, two of fifteen dollars, given by the family of the late Eleazar Boynton of Medford, to encourage study and investigation of the Bible. These prizes are awarded at the end of each semester, to the student who writes the best essay on an assigned topic covering the work of the semester.

MATHEMATICS, PHYSICS, AND ASTRONOMY

The Walker Prizes, given by the late William J. Walker of Newport, Rhode Island.

Two prizes, of fifty and of thirty dollars, in the mathematics of the first year.

Two prizes, of eighty and of forty dollars, in the mathematics of the second year.

The award in each case is determined by an examination.

The Porter Prizes, one of twenty dollars, in physics, and one of ten dollars in astronomy, given by the late Eleazar Porter of Hadley. These awards are made at the conclusion of the collegiate course, and are determined by the record of all recitations and examinations in these departments.

The A. C. James Prize, of fifty dollars, in navigation.

NATURAL SCIENCE

The Shepard Mineralogical Prizes, of mineralogical specimens, valued respectively at fifteen, eight, six, and five dollars, given by the late Professor Charles U. Shepard of the class of 1824 to members of the Senior class in mineralogy.

The Sawyer Prize, a gold medal of the value of fifty dollars, given by the late Edmund H. Sawyer of Easthampton, for the best work in human anatomy and physiology.

The A. Lyman Williston Prizes, of fifteen and of ten dollars, given by A. Lyman Williston of Northampton, to those members of the

Freshman class who take the best series of lecture notes in the course on personal hygiene.

THE PORTER ADMISSION PRIZE

The Porter Admission Prize, of fifty dollars, given by the late Eleazar Porter, of Hadley, to the candidate who passes the best examination for admission to the Freshman class. The name of the successful candidate, together with that of his school or of the instructor with whom he prepared for college, is published in the catalogue.

OTHER PRIZES

The Leland Prize, of one hundred dollars, given by Dr. George A. Leland of the class of 1874, to the class which, during the year, shall most faithfully discharge its duties in the gymnasium, and carry out most fully the instructions of the Professor of Hygiene.

The Ladd Prizes, the sum of one hundred dollars, given by William M. Ladd of the class of 1878, to be divided among undergraduate members of the College, for excellence in heavy gymnastic exercises at the annual exhibition.

The Woods Prize, of sixty dollars, given by the late Josiah B. Woods of Enfield, for general culture and improvement. This prize is awarded at the conclusion of the course.

Dante Prize, of one hundred dollars, is offered annually by the Dante Society of America for the best essay by a student, or graduate of not more than three years' standing, on a subject drawn from the Life or Works of Dante. Competition for the prize is open to students and graduates of any college or university of the United States. Detailed information in regard to rules of competition and choice of subjects may be obtained from the Professor of Romance Languages.

The Class-of-1884 Prize, of fifty dollars, to the class that excels in the singing of college songs. The contest occurs on the campus in June, when the four classes sing in turn.

Scholarships and Beneficiary Aid

THE beneficiary funds of the College aggregate three hundred thousand dollars. Except as otherwise provided by the donors, the income of these funds is distributed annually by a committee of the Faculty, among students of high character and good scholarship who need pecuniary aid.

Aid from beneficiary funds is given only to students who maintain a high standard of honor, who have no delinquency in any subject, whose average rank is not below seventy per cent., whose habits are economical, and who are candidates for a degree.

Awards are paid in two instalments, on October 1 and March 1, when college term-bills are due. The second instalment is payable only on condition that there is no delinquency at the end of the first semester.

Applicants for scholarships in the three upper classes must file at the Registrar's office before October 1 a statement of their resources for the academic year, together with two letters of recommendation giving evidence of their need, attainments, and character.

Applicants for the renewal of scholarships must present an account of their expenditures and income for the preceding year.

A limited number of applicants may be assured of scholarship awards before entering college. Blanks for application may be obtained of the Registrar, and, when filled out by the applicant, must be accompanied by two letters concerning need, character, and attainments, one letter from his parent or guardian, and one from his principal or a teacher. Awards are not payable unless the applicant is free from entrance conditions.

Scholarships are of three grades; eighty, ninety-five, and one hundred and ten dollars annually. Scholarships of eighty dollars are awarded to students whose standing is C (70 to 80); of ninety-five dollars to students whose standing is B (80 to 90); of one hundred and ten dollars, the amount of tuition, to students whose standing is A (90 to 100). This arrangement goes into effect with the class of 1912. The award for the first semester is one half of eighty dollars to all who receive scholarships. After the first semester, standing determines the amount of award. There are four scholarships of one hundred dollars, and four of one hundred and ten dollars, which are not subject to the above conditions, except that a standing of not less than 70 shall be maintained. Those who intend to enter the Christian ministry receive awards of one hundred and ten dollars.

Awards are made from the income of the following funds: —

The Charitable Fund, \$90,000, primarily in aid of those studying for the Christian ministry. Any surplus income may be awarded to other students in the classical course.

The Stone Educational Fund, \$25,000.

The Class of 1871 Scholarship Fund, \$25,000, established by a member of the Class.

The William Hilton Scholarship Fund, \$17,500, the bequest of William Hilton of Boston.

The Whitcomb Scholarship Fund, \$12,000, established by David Whitcomb and G. Henry Whitcomb of Worcester.

The Hitchcock Scholarship Fund, \$10,000, established by Samuel A. Hitchcock of Brimfield.

The Emerson Gaylord Scholarship Fund, \$6000, the bequest of Emerson Gaylord of Chicopee. Preference is given to graduates of the Chicopee High School.

The Day Benevolent Fund, \$5000, the bequest of Moses Day of Boston.

The Seymour Scholarship Fund, \$5000, the bequest of James S. Seymour of Auburn, New York.

The John E. Sanford Class-of-1851 Scholarship Fund, \$5000, established by John E. Sanford of Taunton.

- The Harry Wilbur Scholarship Fund**, \$5000, established by his parents in memory of Harry L. Wilbur of the Class of 1884.
- The Farnsworth Scholarship Fund**, \$3000, established by Isaac D. Farnsworth of Boston.
- The Knowles Scholarship Fund**, \$3000, the bequest of Lucus J. Knowles of Worcester.
- A Scholarship Fund**, \$3000, established by a friend of the College.
- The Reed Scholarship Fund**, \$2500, the bequest of Charles Thayer Reed of Boston, in memory of his son, Charles Thayer Reed, Jr.
- The Harold Ely Morse Memorial Scholarship Fund**, \$2500, established by the family of Professor Anson D. Morse.
- The Class of 1877 Scholarship Fund**, \$2500, established by the Class.
- The Persian Scholarship Fund**, \$2000, the bequest of Rev. James L. Merrick of Amherst.
- The Charles Merriam Scholarship Fund**, \$2000, established by Charles Merriam of Springfield.
- The Quincy Tufts Scholarship Fund**, \$2000, the bequest of Quincy Tufts of Boston.
- The Henry Gridley Class-of-1862 Scholarship Fund**, \$2000, established by the class in memory of their classmate whose name it bears.
- The Henry H. Goodell Class-of-1862 Scholarship Fund**, \$2000, established by the Class in memory of their classmate whose name it bears.
- The Borden Scholarship Fund**, \$2000, the bequest of Samuel Augustus Borden of Boston.
- The Anderson Scholarship Fund**, \$2000, the bequest of Samuel Augustus Borden of Boston.
- The W. Eugene Kimball Scholarship Fund**, \$2000, established by Robert J. Kimball of Brooklyn, New York.
- The Morse Scholarship Fund**, \$2000, established by Charles L. Morse of the class of 1901.
- The Draper Scholarship Fund**, \$2000, established by Warren F. Draper of the class of 1847.
- The Class of 1855 Scholarship Fund**, \$1100, established by the Class.
- The Alexander H. Bullock Scholarship Fund**, \$1500, established by Alexander H. Bullock of the Class of 1836.
- The Class of 1836 Scholarship Fund**, \$1500, established by the Class.
- The Class of 1853 Scholarship Fund**, \$1500, established by the Class.
- The Class of 1871 Scholarship Fund**, \$1400, established by the Class.

The Class of 1826 Scholarship Fund, \$500, established by two members of the Class.

The Class of 1844 Scholarship Fund, \$500, established by three members of the Class.

Scholarship funds of \$1000 each as follows:—

The Levi Russell Scholarship Fund, established by Levi Russell of Hadley.

The Tuttle Scholarship Fund, the bequest of Mrs. Sarah Tuttle of Wayland.

The George Cook Scholarship Fund, established by George Cook of the Class of 1841.

The Enos Dickinson Scholarship Fund, established by Enos Dickinson of Amherst.

The John C. Newton Scholarship Fund, established by John C. Newton of Worcester.

The James H. Newton Scholarship Fund, established by James H. Newton of Holyoke.

The Johnson Class-of-1823 Scholarship Fund, established by A. J. Johnson of New York City.

The Southworth Class-of-1822 Scholarship Fund, established by Wells Southworth of New Haven, Connecticut.

The Joseph Carew Scholarship Fund, established by Joseph Carew of South Hadley.

The Gregory Class-of-1850 Scholarship Fund, established by James J. H. Gregory of Marblehead.

The Dolly Coleman Blake Scholarship Fund, the bequest of Dolly Coleman Blake of Boston.

The Miller Scholarship Fund, established by Mrs. S. P. Miller of Montclair, New Jersey, in memory of her son, J. C. B. Miller of the Class of 1869.

The Green Scholarship Fund, the bequest of Rev. Henry Solomon Green of the Class of 1834, as a memorial gift from himself and H. M. Green of the Class of 1865.

The Thomas Hale Scholarship Fund, established by Mrs. Alice T. March of Newburyport.

The Mary W. Hyde Scholarship Fund, the bequest of Mary W. Hyde of Boston.

The Sarah B. Hyde Scholarship Fund, the bequest of Sarah B. Hyde of Boston.

The W. S. Tyler Class-of-1830 Scholarship Fund, the bequest of Professor William Seymour Tyler of Amherst.

The Class Scholarship Funds, established by and bearing the names, respectively, of

The Class of 1831	The Class of 1852	The Class of 1858
The Class of 1839	The Class of 1855	The Class of 1861
The Class of 1845	The Class of 1856	The Class of 1865
The Class of 1849	The Class of 1857	The Class of 1869

The Composite Scholarship Fund, established jointly by the following Classes: —

The Class of 1829	The Class of 1838	The Class of 1867
The Class of 1835	The Class of 1866	The Class of 1870

The Emily B. Ripley Scholarship Fund, the bequest of Emily B. Ripley of Royalston.

Funds yielding the following amounts annually: —

The Moore Scholarships, four of \$140 each, established by Rev. Zephaniah Swift Moore, D.D., first president of the College.

The State Scholarships, three of \$110 each, covering full tuition.

The Adams Scholarships, three of \$40 each, the bequest of Asahel Adams of North Brookfield.

The following scholarships maintained by annual gifts: —

The Sayles Scholarship, \$100, given by Fred Thomas Sayles of the Class of 1881.

The A. Lyman Williston Scholarship, \$50, given by A. Lyman Williston of Northampton.

Student Loan Fund

THROUGH the liberality of a friend of the College, provision is made for loans of a limited amount to a few students in the later years of the course, at a low rate of interest, upon notes acceptably endorsed and payable one or two years after graduation. The conditions made by the donor of this Fund limit its use to the assistance of students of thorough scholarship who are not preparing for the ministry, and whose habits of expenditure are economical.

A second fund provides for loans to students on similar terms, except that students for the ministry are not excluded.

Publications

THE annual catalogue is issued in December and is sent to all the alumni of the College, to all schools from which students are received, and to any who ask for it.

An address list of living alumni is issued once in two years.

A record of graduates deceased during each year is issued Commencement week.

STUDENT PUBLICATIONS

The Y. M. C. A. Handbook, published and distributed annually by the Christian Association, contains information chiefly useful to new students.

A semi-weekly paper, *The Amherst Student*, containing college news, account of games, notices of alumni, and discussion of college affairs, is issued by an editorial board of students.

The Literary Monthly, conducted by students, contains essays, poems, stories, and book notices.

The Olio, published annually by the Junior class, contains names of the members of fraternities, of officers and members of athletic, musical, literary, and dramatic organizations, of students receiving prizes and honors, and various matters of interest to the College.

Alumni Associations

The Society of the Alumni

(Annual Meeting in Commencement Week)

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Vice-Presidents:

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Rev. ROBERT M. WOODS, '69

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HENRY P. FIELD, Esq., '80

Mr. JOHN P. CUSHING, '82

Mr. GEORGE B. MALLON, '87

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HENRY P. FIELD, Esq., '80.

Professor JOSEPH O. THOMPSON, '84

Mr. ARTHUR CURTISS JAMES, '89

Mr. OLIVER B. MERRILL, '91

Mr. HERBERT L. PRATT, '95

Mr. ROBERT B. METCALF, '96

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The Association of Arizona

President: MR. STUART W. FRENCH, Douglas

The Association of Cleveland and Vicinity

President: MR. WILLIAM E. BYRNES

Secretary: MR. CHARLES W. DISBROW, University Club, Cleveland.

RAILROAD CONNECTIONS

The Boston and Maine Railroad (Central Massachusetts division), between Boston and Northampton, passes through Amherst.

The Central Vermont Railroad, connecting at Palmer with the Boston and Albany Railroad, passes through Amherst.

There are electric street railways from Amherst to Northampton, Holyoke, Sunderland, and Pelham.

SPECIAL RAILROAD RATES AT COMMENCEMENT

The College expects to be able to secure special railroad rates on the certificate plan for those who attend the exercises of the Commencement season. Information concerning this matter can be obtained in May or June from secretaries of classes and alumni associations.

INFORMATION

All requests for information should be addressed to the Registrar, Walker Hall, Amherst, Mass.

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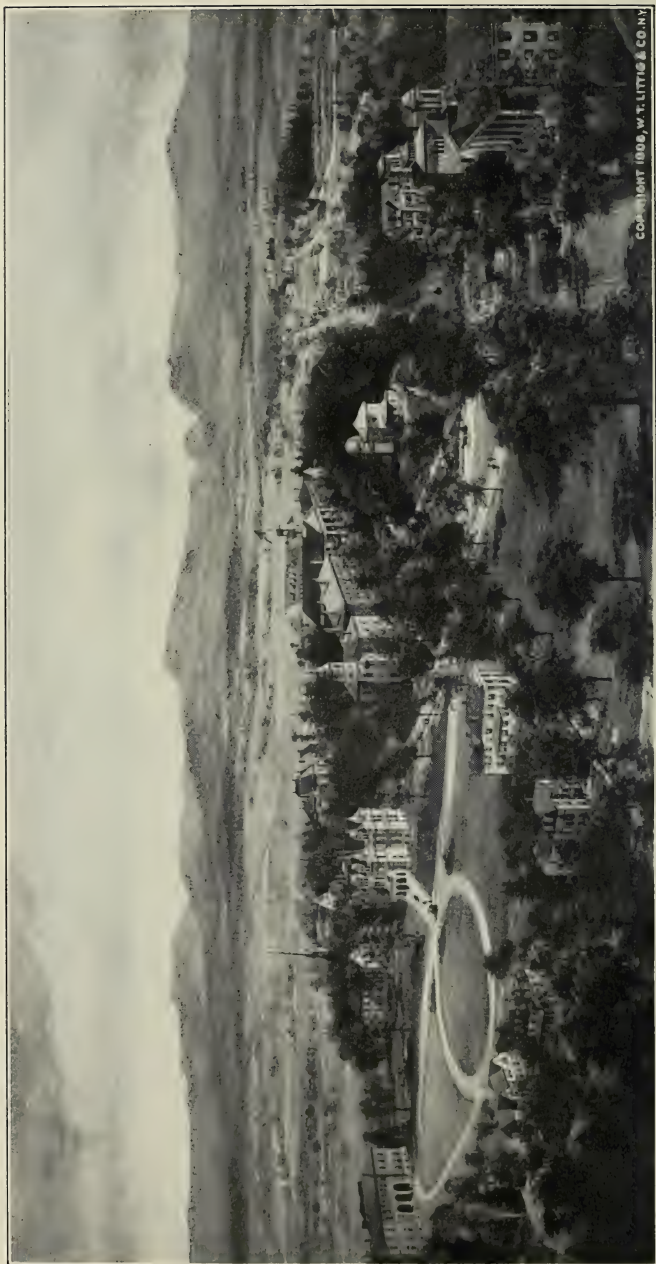
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1908-1909

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Amherst College Catalogue

For the Year
1908-1909



Amherst ✻ Massachusetts
Published by the College

1908

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College Calendar

1908

September	24,	Beginning of the College Year	11.30 A.M. Thursday
October	8,	Mountain Day, a holiday	Thursday
November	26-27,	Thanksgiving Recess	Thursday and Friday
December	23,	Christmas Recess begins	12.20 P.M. Wednesday

1909

January	7,	Christmas Recess ends	8.15 A.M. Thursday
February	2-10,	Semi-annual Examinations	

February	11,	Second Half-Year begins	Thursday
February	14,	Day of Prayer for Colleges	Sunday
February	22,	Washington's Birthday, a holiday	Monday
March	10,	Ladd and Leland Gymnastic Exhibition	Wednesday
March	24,	Spring Recess begins	12.20 P.M. Wednesday
April	6,	Spring Recess ends	2 P.M. Tuesday
May	30,	Memorial Day (Sunday)	Holiday May 31 Monday
June	14-17,	Senior Examinations	
June	18-25,	Semi-Annual Examinations	
June	22-25,	Examinations for admission	Tuesday to Friday
June	27,	Baccalaureate Sermon	Sunday
June	28,	Kellogg Prize Declamations	Monday evening
June	29,	Class Day	Tuesday
June	29,	President's Reception	Tuesday afternoon
June	29,	Hyde Prize Orations	Tuesday evening
June	30,	Commencement Exercises	Wednesday morning
June	30,	Alumni Dinner	Wednesday afternoon

SUMMER VACATION OF TWELVE WEEKS

September	20-23,	Examinations for admission	Monday to Thursday
September	23,	Beginning of the College Year	11.30 A.M. Thursday
December	22,	Christmas Recess begins	12.20 P.M. Wednesday

Organization

AMHERST COLLEGE was opened September 19, 1821, and forty-seven students were then admitted into the four regular classes. Its charter, received February 21, 1825, confers upon the Corporation the right to perpetuate itself, together with the privileges usually granted to the trustees of such institutions. It provides that the number of trustees shall never be greater than seventeen, seven of whom shall be clergymen and ten laymen, and that the five vacancies first occurring shall thenceforth be filled by the joint ballots of the Legislature of Massachusetts, in convocation of both Houses. This provision was maintained for nearly fifty years, until the Legislature, by an Act passed, and approved by the Governor April 28, 1874, conferred the power of filling these five vacancies upon the Alumni, by whom it is now exercised in accordance with rules adopted by the Board of Trustees in concurrence with the Society of the Alumni. The corporate name of the Institution is "The Trustees of Amherst College."

The general government of the College is vested in the Board of Trustees. Its immediate direction is vested in the Faculty, who are empowered by the Trustees to determine the topics and order and method of study, and to make such rules as may be deemed necessary for the best regulation of the College.

Corporation

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WALTER M. HOWLAND, M.A., *Commissioner*

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President's House

EDWARD PAYSON CROWELL, D.D., *Professor Emeritus of the Latin
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21 Amity St.

EDWARD HITCHCOCK, M.D., LL.D., *Parmlly Billings Professor of
Hygiene and Physical Education, and Dean of the Faculty*
12 College St.

WILLIAM COLE ESTY, LL.D., *Professor Emeritus of Mathematics
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16 South Pleasant St.

ELIJAH PADDOCK HARRIS, PH.D., LL.D., *Professor Emeritus of
Chemistry*
23 Woodside Ave.

BENJAMIN KENDALL EMERSON, PH.D., *Hitchcock Professor of
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21 Northampton Road

ANSON DANIEL MORSE, LL.D., *Professor Emeritus of History*
24 Northampton Road

JOHN MASON TYLER, PH.D., *Stone Professor of Biology*
8 Tyler Place

DAVID TODD, PH.D., *Professor of Astronomy and Navigation,
Director of the Observatory, and Secretary of the Faculty*
Observatory House

Amherst College

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3 Orchard St.

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Government and International Law* 9 College St.

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Greek* 5 College St.

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Literature* 25 Spring St.

THOMAS CUSHING ESTY, M.A., *Professor of Mathematics*
16 South Pleasant St.

WILLIAM PINGRY BIGELOW, M.A.,* *Professor of Music*
31 North Pleasant St.

ARTHUR JOHN HOPKINS, PH.D., *Professor of Chemistry*
2 South Pleasant St.

JAMES WALTER CROOK, PH.D., *Professor of Economics*
1 College Ave.

*Absent on leave.

Faculty

11

PAUL CHRYSOSTOM PHILLIPS, M.D., *Professor of Hygiene and Physical Education*
21 Lincoln Ave.

FREDERIC BREWSTER LOOMIS, PH.D., *Professor of Comparative Anatomy*
8 Orchard St.

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5 Lincoln Ave.

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31 North Pleasant St.

HERBERT PERCIVAL GALLINGER, PH.D., *Associate Professor of History*
31 Northampton Road

JOHN ERSKINE, PH.D., *Associate Professor of English*
19 Main St.

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13 Lincoln Ave.

CLARENCE WILLIS EASTMAN, PH.D., *Associate Professor of the German Language and Literature*
18 Northampton Road

FREDERIC LINCOLN THOMPSON, M.A., *Associate Professor of History*
63 South Pleasant St.

ELIOT SNELL HALL, PH.D., *Associate Professor of Chemistry*
99 South Pleasant St.

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34 Lincoln Ave.

*Absent on leave.

STANLEY LEMAN GALPIN, PH.D., *Associate Professor of Romance Languages*
22 Northampton Road

HENRY CARRINGTON LANCASTER, PH.D., *Associate Professor of Romance Languages*
21 Main St.

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25 Amity St.

RICHARD FRANCIS NELLIGAN, *Assistant Professor of Hygiene and Physical Education*
11 Sunset Ave.

OTTO MANTHEY-ZORN, PH.D., *Assistant Professor of German*
31 North Pleasant St.

HOWARD WATERS DOUGHTY, PH.D., *Assistant Professor of Chemistry*
10 Snell St.

GLOVER DUNN HANCOCK, PH.D., *Assistant Professor of Economics*
21 Main St.

ALFRED SHEPARD GOODALE, B.A., *Instructor in Botany, and Registrar*
South Amherst

ROBERT PALFREY UTTER, PH.D., *Instructor in English*
83 South Pleasant St.

LAURENCE HOUGHTON PARKER, B.A., *Walker Instructor in Mathematics*
2 South Prospect St.

PERCY ROBERT CARPENTER, B.A., *Instructor in Physical Education, and Assistant to the Dean*
22 Spring St.

HERBERT PIERREPONT HOUGHTON, PH.D., *Instructor in Latin*
21 North Pleasant St.

Faculty

13

GORDON SCOTT FULCHER, M.S., *Instructor in Physics*

21 Main St.

CHARLES WIGGINS COBB, M.A., *Instructor in Mathematics*

13 Lincoln Ave.

LEWIS PARKE CHAMBERLAYNE, PH.D., *Instructor in Latin*

21 Main St.

HERBERT DOUGLAS AUSTIN, M.A., *Instructor in Romance Languages*

34 Lincoln Ave.

WILLIAM HALLER, B.A., *Instructor in English and Elocution*

4 North Prospect St.

ARTHUR LIVINGSTONE KIMBALL, B.A., *Assistant in Geology*

25 Woodside Ave.

JAMES TAYLOR SLEEPER, B.A., *Instructor in Music*

14 Maple Ave.

WILLIAM ISAAC FLETCHER, M.A., *Otis Librarian*

54 North Pleasant St.

ROBERT STILLMAN FLETCHER, B.A., *Assistant Librarian*

21 North Pleasant St.

HARRY WELTON KIDDER, B.A., *Assistant Treasurer*

10 Orchard St.

PROFESSOR HENRY MORSE STEPHENS, of the University of California, *Henry Ward Beecher Lecturer on History.*

Committees of the Faculty

Administration: The PRESIDENT, Professors KIMBALL, COWLES, TYLER, OLDS, HOPKINS.

Library: The PRESIDENT, Professors ESTY, HOPKINS, COWLES, CHURCHILL, NEWLIN, GALLINGER, the TREASURER.

Catalogue: The PRESIDENT, Professors HITCHCOCK, SMITH, ERSKINE.

Entrance Examinations: Professors COWLES, KIMBALL, ESTY, CHURCHILL, ELWELL, HOPKINS, EASTMAN, BAXTER, GALLINGER, the REGISTRAR.

Certificate Privilege: The PRESIDENT, Professors CHURCHILL, EMERSON, ELWELL.

Scholarships: The PRESIDENT, Professors HITCHCOCK, SMITH, EASTMAN.

Student Loan Fund: The PRESIDENT, Professor TODD, the TREASURER.

Monitors: Professors HITCHCOCK, PHILLIPS, the REGISTRAR.

Public Exhibitions: The PRESIDENT, Professors HITCHCOCK, GROSVENOR, ESTY, LOOMIS, F. L. THOMPSON.

Commencement: Professors HITCHCOCK, TODD, KIDDER.

Degree of Master of Arts: Professors GENUNG, CROOK, ELWELL.

Alumni Teachers' Exchange: Professors TYLER, CHURCHILL, J. O. THOMPSON, ERSKINE, the REGISTRAR.

Athletic Board: Faculty members; Professors HITCHCOCK, PHILLIPS, ESTY, F. L. THOMPSON, CROOK.

College Preachers

1907-1908

Rev. HUGH BLACK	New York, N. Y.
Pres. CHARLES CUTHBERT HALL	New York, N. Y.
Rev. ALBERT P. FITCH	Boston, Mass.
Rev. FRANK J. GOODWIN	Pawtucket, R. I.
Rev. EDWARD F. SANDERSON	Providence, R. I.
Rev. LYMAN ABBOTT, D.D.	New York, N. Y.
Rev. HENRY H. TWEEDY	Bridgeport, Conn.
Rev. WILLIAM E. BARTON, D.D.	Oak Park, Ill.
Rev. JAY T. STOCKING	Newtonville, Mass.
Pres. WM. D. MCKENZIE	Hartford, Conn.
Rev. WILLIAM C. GORDON	Westfield, Mass.
Rev. J. ROSS STEVENSON, D.D.	New York, N. Y.
Rev. WILFORD L. ROBBINS, D.D.	New York, N. Y.
Rev. GEORGE A. GORDON, D.D.	Boston, Mass.
Rev. NEWTON M. HALL, D.D.	Springfield, Mass.
Rev. JOHN TIMOTHY STONE	Baltimore, Md.
Rev. HENRY S. COFFIN	New York, N. Y.
Rev. ANSON PHELPS STOKES	New Haven, Conn.
Mr. ROBERT E. SPEER	New York, N. Y.
Rev. GEORGE HODGES, D.D.	Cambridge, Mass.
Rev. H. ROSWELL BATES	New York, N. Y.
Rev. DANIEL EVANS, D.D.	Cambridge, Mass.
Rev. WILLIS H. BUTLER	Northampton, Mass.
Rev. HENRY A. STIMSON, D.D.	New York, N. Y.
Rev. NEHEMIAH BOYNTON, D.D.	Brooklyn, N. Y.
Rev. JOHN H. DENISON	Boston, Mass.
Rev. HERBERT A. JUMP	Brunswick, Me.
Rev. CORNELIUS H. PATTON, D.D.	Boston, Mass.
Rev. ROCKWELL H. POTTER	Hartford, Conn.

President HARRIS, Professors GROSVENOR and GENUNG

Fellows

PRESERVED SMITH, PH.D., *Rufus B. Kellogg University Fellow*
Berlin, Germany

PERCY ROBERT CARPENTER, B.A., *Edward Hitchcock Fellow*
22 Spring St.

ALBERT JESSE LOVELEE, B.A., *Roswell Dwight Hitchcock Memorial Fellow in History*
Cambridge, Mass.

GEORGE EMERSON CARY, B.A., *South End House Fellow*
Boston, Mass.

Senior Class

Agard, Irving Howard	<i>Amherst, Mass.</i>	5 Spring St.
Bakrow, James Griffith	<i>Louisville, Ky.</i>	B Θ II House
Ballantine, Joseph William	<i>Rahuri, India</i>	Φ Γ Δ House
Beecher, John	<i>Prescott, Mass.</i>	Chemical Laboratory
Bennett, Sidney Royal	<i>Bainbridge, N. Y.</i>	Δ T House
Bigelow, Mason Huntington	<i>Utica, N. Y.</i>	A Δ Φ House
Blackmer, Albert Whitney	<i>Worcester, Mass.</i>	Φ Δ Θ House
Blades, Carlton Reed	<i>Brockton, Mass.</i>	X Φ House
Blanchard, Alden Hooper	<i>Quincy, Mass.</i>	Φ Γ Δ House
Bolt, Edward Jenkins	<i>St. Louis, Mo.</i>	X Ψ Lodge
Brink, Roscoe William	<i>Brooklyn, N. Y.</i>	C South College
Bristol, Arthur Edward	<i>Glen Ridge, N. J.</i>	Δ T House
Brown, Raymond Nelson	<i>Danvers, Mass.</i>	Hitchcock Club
Burby, Raymond Joseph	<i>Chicopee Falls, Mass.</i>	Hitchcock Club
Bush, Asahel, Jr.	<i>Salem, Ore.</i>	Ψ T House
Butts, Frederic Marsena	<i>Newton Centre, Mass.</i>	Φ Δ Θ House
Cary, Walter	<i>Auburndale, Mass.</i>	Φ K Ψ House
Case, Cyrus Augustus	<i>Golden, Colo.</i>	Φ Δ Θ House
Caughey, Francis Morrow	<i>Bellevue, Pa.</i>	Δ K E House
Caughey, Joseph Hart	<i>Bellevue, Pa.</i>	Δ K E House
Chandler, Charles Porter	<i>Montpelier, Vt.</i>	Δ K E House
Chapin, Edward Luther	<i>Southbridge, Mass.</i>	Δ K E House
Clark, DeWitt Atkins	<i>Montpelier, Vt.</i>	Δ T House
Clarke, Merrill Fowler	<i>Brooklyn, N. Y.</i>	A Δ Φ House
Cleaveland, Edwards Lynde	<i>Fredonia, N. Y.</i>	21 Northampton Road
Cleaveland, Sherrill Atwood	<i>Fredonia, N. Y.</i>	21 Northampton Road
Clinton, Leonard Roys	<i>Elmira, N. Y.</i>	Θ Δ X House
Coyne, Daniel Joseph, Jr.	<i>Oak Park, Ill.</i>	Δ T House
Cunningham, Kenneth Reese	<i>Pittsburg, Pa.</i>	Δ K E House
Danforth, Minot Harold	<i>Brockton, Mass.</i>	14 Maple Ave.
Disbrow, Hamilton Grinnell	<i>Morristown, N. J.</i>	Φ K Ψ House
Dowd, George	<i>Madison, Conn.</i>	Δ T House

Dunlap, Sheldon David	<i>Batavia, N. Y.</i>	Δ T House
Dyer, Edward Lathrop	<i>Belchertown, Mass.</i>	Hitchcock Club
Eaglesfield, Robert Davy	<i>Indianapolis, Ind.</i>	X Ψ Lodge
Earle, Ernest Lord	<i>Athol, Mass.</i>	Hitchcock Club
Eldred, Allen Dorset	<i>West Springfield, Mass.</i>	Φ Γ Δ House
Fairbank, Samuel Ballantine	<i>Ahmednagar, India</i>	B Θ Π House
Foster, Elliott Orman	<i>Danvers, Mass.</i>	Φ Γ Δ House
Frank, Alfred Swift	<i>Dayton, Ohio</i>	B Θ Π House
Gardner, John Leon, Jr.	<i>New Britain, Conn.</i>	Hitchcock Club
Gilpatric, Fred Raymond	<i>Putnam, Conn.</i>	Δ T House
Goodnow, David Franklin	<i>New York, N. Y.</i>	X Ψ Lodge
Goodrich, Hubert Baker	<i>Auburndale, Mass.</i>	B Θ Π House
Goodwin, Edward Nute	<i>Brooklyn, N. Y.</i>	Δ T House
Hague, Cuthbert	<i>Worcester, Mass.</i>	Φ Δ Θ House
Hall, Gordon Robert	<i>Chicago, Ill.</i>	A Δ Φ House
Hamilton, Robert Hugh, Jr.	<i>Millers Falls, Mass.</i>	67 South Pleasant St.
Hartin, William Gooding	<i>Feeding Hills, Mass.</i>	Hunt Block
Hatch, Charles Usher	<i>West Newton, Mass.</i>	Θ Δ X House
Hickey, Thomas Richard	<i>Sunderland, Mass.</i>	31 North Pleasant St.
Hill, Townsend Cordell	<i>Lowell, Mass.</i>	X Ψ Lodge
Hill, William Ely	<i>Pelham Heights, N. Y.</i>	X Φ House
Hobbs, Harold Wade	<i>Jamaica, N. Y.</i>	X Φ House
Hubbard, Alvin Loomis	<i>Windsor, Conn.</i>	Hitchcock Club
Hunter, James Blaine	<i>Washington, D. C.</i>	3 Walnut St.
Jamieson, Joseph Boardman, Jr.	<i>Newton, Mass.</i>	Θ Δ X House
Jones, Wilbur Boardman	<i>St. Louis, Mo.</i>	Ψ T House
Keith, Clayton Edward	<i>Brockton, Mass.</i>	Φ Γ Δ House
Kilbourn, William Warren	<i>Fulton, N. Y.</i>	B Θ Π House
Kimbrough, Edwin Price	<i>Greensboro, Ala.</i>	Ψ T House
Kirby, Paul Lantz	<i>Washington, D. C.</i>	Hunt Block
Kirley, Grover Cleveland	<i>South Hadley Falls, Mass.</i>	X Φ House
Kooyumjian, Levon Hampart- zum	<i>New Britain, Conn.</i>	31 North Prospect St.
Lane, Stoddard	<i>Mt. Vernon, N. Y.</i>	A Δ Φ House
Leadbetter, Raymond DeForest	<i>Lestershire, N. Y.</i>	Δ K E House
Leary, George Francis	<i>Scitico, Conn.</i>	Hitchcock Club
Leonard, Edward DeWitt	<i>Brattleboro, Vt.</i>	Φ K Ψ House

Senior Class

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Lewis, Dunbar Wood	<i>Elgin, Ill.</i>	4 North Prospect St.
McKay, Donald Dana	<i>Belpre, Ohio</i>	Δ T House
McVaugh, Keith Fry	<i>Brooklyn, N. Y.</i>	A Δ Φ House
Main, Walter Raymond	<i>Westhaven, Conn.</i>	Tyler Place
Mayo-Smith, Richmond	<i>New York, N. Y.</i>	X Ψ Lodge
Mecklem, Charles Gates	<i>East Orange, N. J.</i>	4 North Prospect St.
Melcher, James Bartlett	<i>Newton Centre, Mass.</i>	Tyler Place
Michaels, Morris Gabriel	<i>Brooklyn, N. Y.</i>	Hitchcock Club
Mowry, David Raymond	<i>York, Neb.</i>	Φ K Ψ House
Nash, Percival Dole	<i>New York, N. Y.</i>	A Δ Φ House
Neustadt, Richard Mitchels	<i>New York, N. Y.</i>	5 School St.
Parmelee, William Josiah, Jr.	<i>Springfield, Mass.</i>	Φ Δ Θ House
Pierce, Albert Francis, Jr.	<i>Brockton, Mass.</i>	X Φ House
Pierce, George Edwin	<i>Brattleboro, Vt.</i>	Θ Δ X House
Powell, Francis Foster	<i>Seattle, Wash.</i>	Ψ T House
Pratt, Theodore	<i>Brooklyn, N. Y.</i>	A Δ Φ House
Race, Francis Louis	<i>Greene, N. Y.</i>	Hitchcock Club
Rayner, Charles Babbidge	<i>Glen Ridge, N. J.</i>	A Δ Φ House
Ruckmich, Christian Alban	<i>Brooklyn, N. J.</i>	6 Kellogg Ave.
Seybold, Joseph Long	<i>Hamilton, Ohio</i>	B Θ II House
Sleeper, William Allen	<i>Wellesley, Mass.</i>	Hitchcock Club
Smith, Bert Nichols	<i>Greene, N. Y.</i>	Δ T House
Smith, Harold Ladd	<i>Montclair, N. J.</i>	Δ T House
Smith, Harold Lyman	<i>Norwich, Conn.</i>	A Δ Φ House
Smith, Herbert Otty	<i>Holyoke, Mass.</i>	Chemical Laboratory
Smith, Justin Burritt	<i>Knoxville, Tenn.</i>	52 Amity St.
Stockbridge, Henry 3d	<i>Baltimore, Md.</i>	X Ψ Lodge
Sudbury, Edward Heron	<i>Mt. Vernon, N. Y.</i>	X Ψ Lodge
Tristch, Albert Otto	<i>New York, N. Y.</i>	29 South College
Tylee, Clinton White	<i>Worcester, Mass.</i>	Θ Δ X House
Underhill, Halton Eugene	<i>New London, Conn</i>	Δ K E House
Van Auken, Arthur Hammond	<i>Syracuse, N. Y.</i>	Φ Γ Δ House
Vollmer, William Auerbach	<i>Brooklyn, N. Y.</i>	X Φ House
Witherbee, Barrett Hanson	<i>Brooklyn, N. Y.</i>	B Θ II House
Wordsworth, Watson	<i>Wallingford, Vt.</i>	College Library
Wright, David Sanders	<i>Northampton, Mass.</i>	
Wright, William Henry	<i>Springfield, Mass.</i>	A Δ Φ House
Wyckoff, Herbert Ashton	<i>Brooklyn, N. Y.</i>	Ψ T House

Junior Class

Adler, Frederic Emanuel	<i>Milwaukee, Wis.</i>	12 Nash Block
Alling, Robert Babson	<i>Gloucester, Mass.</i>	Φ Δ Θ House
Amos, Lindsay Cline	<i>Utica, N. Y.</i>	A Δ Φ House
Atwood, Alfred Loranus	<i>Norwood, Mass.</i>	Φ K Ψ House
Avery, Henry Lawrence	<i>Charlemont, Mass.</i>	Φ K Ψ House
Baldwin, Edward	<i>Cincinnati, Ohio</i>	B Θ Π House
Barney, Earle Alvah	<i>Greenfield, Mass.</i>	8 Woodside Ave.
Barton, Hubert Crampton	<i>Chicago, Ill.</i>	67 South Pleasant St.
Beaman, Ralph Heckman	<i>Princeton, Mass.</i>	Φ K Ψ House
Best, Robert Edward	<i>Jeannette, Pa.</i>	Φ Δ Θ House
Birdseye, Clarence	<i>New York, N. Y.</i>	X Ψ Lodge
Bisbee, Joseph Bartlett, Jr.	<i>Poughkeepsie, N. Y.</i>	A Δ Φ House
Boynton, Arthur Boardman	<i>South Nyack, N. Y.</i>	Φ Γ Δ House
Boynton, Morrison Russell	<i>Brooklyn, N. Y.</i>	X Φ House
Bullard, Rockwood	<i>Medford, Mass.</i>	X Φ House
Burnett, George Brinton, Jr.	<i>Amherst, Mass.</i>	Φ Γ Δ House
Campbell, Courtney	<i>Washington, D. C.</i>	Θ Δ X House
Carter, Harold Sims	<i>Brooklyn, N. Y.</i>	Δ T House
Clark, William Evans	<i>New York, N. Y.</i>	A Δ Φ House
Collins, Earl King	<i>Homer, N. Y.</i>	1 College Ave.
Corey, Harris Lorenzo	<i>Toledo, Ohio</i>	Δ T House
Cornell, Joseph Delmonte	<i>East Orange, N. J.</i>	Ψ T House
Cragin, Horace Stuart	<i>Brooklyn, N. Y.</i>	Hitchcock Club
Daniels, Carroll Salem	<i>Grand Rapids, Mich.</i>	Δ T House
Dann, Lester Winfield	<i>Tullahoma, Tenn.</i>	B Θ Π House
DeGroot, Mitchell Benjamin	<i>Troy, N. Y.</i>	14 Nash Block
Draper, Walter Dillaway	<i>Brooklyn, N. Y.</i>	9 Spring St.
Drewsen, Pierre	<i>Brooklyn, N. Y.</i>	Θ Δ X House
Eadie, Lewis Arnold	<i>Lowell, Mass.</i>	Ψ T House
Emrie, Daniel Edwin	<i>Springfield, Ohio</i>	B Θ Π House
Fancher, Paul Adee	<i>Glen Gove, N. Y.</i>	30 South College
Farrier, Edward	<i>Brooklyn, N. Y.</i>	9 Spring St.

Junior Class

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Fenton, Ira Ellsworth	<i>South Hadley Falls, Mass.</i>	
Fink, John Scott	<i>Irwin, Pa.</i>	Δ K E House
Fleck, Harry Deegan	<i>New York, N. Y.</i>	Φ Γ Δ House
Francis, Clarence	<i>Port Richmond, N. Y.</i>	Δ T House
Gardner, Raymond Foster	<i>Chester, N. J.</i>	27 South College
Goddard, William Otis	<i>Abington, Mass.</i>	14 Maple Ave.
Goodnow, Weston Whitney	<i>New York, N. Y.</i>	X Ψ Lodge
Guptil, Clayton Walter	<i>Waterbury, Vt.</i>	Φ Δ Θ House
Hall, Bartow Harwood	<i>Colorado Springs, Colo.</i>	A Δ Φ House
Hamlin, Talbot Faulkner	<i>New York, N. Y.</i>	30 South College
Harris, Benjamin Lawrence	<i>Olean, N. Y.</i>	Hitchcock Club
Harris, Herbert Bennett	<i>Cambridge, Mass.</i>	8 Woodside Ave.
Heath, Louis Jay	<i>Cortland, N. Y.</i>	Φ K Ψ House
Henry, John Park	<i>Amherst, Mass.</i>	Θ Δ X House
Holden, Harry Dewey	<i>Mamaroneck, N. Y.</i>	5 School St.
Hood, Robert Huntley	<i>Corning, N. Y.</i>	B Θ Π House
Hudson, Charles John	<i>Clinton, Mass.</i>	12 Lincoln Ave.
Jacobus, Graham Bentley	<i>Thomaston, N. Y.</i>	14 Nash Block
Johnson, Roger Arthur	<i>Amherst, Mass.</i>	11 South Prospect St.
Johnston, Stewart Shurtleff	<i>Oak Park, Ill.</i>	B Θ Π House
Jube, Albert Riordan	<i>Brooklyn, N. Y.</i>	X Φ Annex
Keator, Alfred Decker	<i>Accord, N. Y.</i>	8 North Prospect St.
Keim, John Howard	<i>New York, N. Y.</i>	27 South College
Keith, James Perkins	<i>Brockton, Mass.</i>	X Φ House
Kellogg, William Raymond	<i>Katonah, N. Y.</i>	19 Main St.
Kendrick, Raymond Holmes	<i>Springfield, Mass.</i>	X Φ House
Kennedy, Ollo Alson	<i>Hardwick, Mass.</i>	30 North Prospect St.
Knight, Frederick Sylvester	<i>New York, N. Y.</i>	Hitchcock Club
Ladd, William Sargent	<i>Portland, Ore.</i>	A Δ Φ House
Lawton, Ernest James	<i>Athol, Mass.</i>	Φ Γ Δ House
McClure, Lawrence Ledwith	<i>Wayne, W. Va.</i>	Φ Δ Θ House
MacInnis, Murdock Norman	<i>Gloucester, Mass.</i>	Hitchcock Club
MacMartin, Daniel Cole	<i>Des Moines, Iowa</i>	X Ψ Lodge
Marsh, William Rolfe	<i>Pipestone, Minn.</i>	Hitchcock Club
Marston, Clyde Bradley	<i>Campello, Mass.</i>	16 Maple Ave.
Merchant, Mylon Dickinson	<i>Roxbury, Mass.</i>	Φ Γ Δ House
Millar, Clifford Warner	<i>Athol, Mass.</i>	Hitchcock Club
Milloy, Adolphus Merigold	<i>Erie, Pa.</i>	Φ Δ Θ House
Mitchell, Abraham, Jr.	<i>Riverside, Ill.</i>	X Ψ Lodge

Morrison, Stuart Ten Broeck	<i>Red Hook, N. Y.</i>	A Δ Φ House
Murray, Robert Cornelius	<i>Herkimer, N. Y.</i>	19 Main St.
Nunnemacher, Harry Jacob	<i>Milwaukee, Wis.</i>	X Ψ Lodge
Ould, Richard Sheldon	<i>Oswego, N. Y.</i>	22 South College
Poor, Edward Eri, Jr.	<i>Passaic, N. J.</i>	Ψ T House
Porter, John, Jr.	<i>Montclair, N. J.</i>	Ψ T House
Pratt, Sterling Woodford	<i>Towanda, Pa.</i>	X Ψ Lodge
Roberts, David Kellogg	<i>Warsaw, N. Y.</i>	8 Nash Block
Rugg, Frank Dickinson	<i>Greenfield, Mass.</i>	X Φ Annex
Sampson, Benedict Hubbard	<i>Chicago, Ill.</i>	9 Spring St.
Schellenberg, Bertram Charles	<i>Brooklyn, N. Y.</i>	Φ Δ Θ House
Seligman, Eustace Joseph	<i>New York, N. Y.</i>	Θ Δ X House
Shoop, Max Pardoe	<i>Rochester, N. Y.</i>	A Δ Φ House
Stedman, Ernest Webster	<i>Brockton, Mass.</i>	X Φ House
Sullivan, Francis Owen	<i>Cortland, N. Y.</i>	Φ K Ψ House
Sumpf, Charles Russell	<i>Naugatuck, Conn.</i>	Δ T House
Swalley, John Frederick	<i>Toledo, Ohio</i>	Φ K Ψ House
Taggart, Bert King	<i>Millers Falls, Mass.</i>	Φ K Ψ House
Taylor, George Bingham	<i>Westboro, Mass.</i>	Φ Γ Δ House
Taylor, John Case *	<i>Brookline, Mass.</i>	X Φ Annex
Tucker, Kenneth Todd	<i>New York, N. Y.</i>	Φ Δ Θ House
Van Auken, Jared Howell	<i>Oneonta, N. Y.</i>	8 Nash Block
Wade, David	<i>Amherst, Mass.</i>	14 Maple Ave.
Warner, Harold Lawson	<i>Brooklyn, N. Y.</i>	Δ K E House
Warner, John Birchard	<i>Brooklyn, N. Y.</i>	14 Main St.
Wetmore, Lansing Southworth	<i>Rochester, N. Y.</i>	Ψ T House
Wheeler, Raymond Parks	<i>Hartford, Conn.</i>	B Θ II House
Whicher, George Frisbie	<i>New York, N. Y.</i>	Θ Δ X House
Wight, John Claflin	<i>Brooklyn, N. Y.</i>	Hitchcock Club
Williams, Frederic Edwards	<i>Belleville, N. Y.</i>	Φ Γ Δ House
Wiltsie, Raymond Hastings *	<i>Cortland, N. Y.</i>	4 Northampton Road
Woodward, Harold Edward	<i>Worcester, Mass.</i>	Θ Δ X House
Wortman, Elbert Brinckerhoff		
Monroe	<i>East Orange, N. J.</i>	28 Amity St.

* Special Student.

Sophomore Class

Abbot, Frank Prentice, Jr.	<i>Brooklyn, N. Y.</i>	12 Spring St.
Albree, George Norman *	<i>Swampscott, Mass.</i>	Whitridge Hall
Altschul, Justin August	<i>Springfield, Ohio</i>	22 South College
Ashley, John Porter	<i>Deerfield, Mass.</i>	15 Spring St.
Babbage, Lawrence Washburn	<i>East Orange, N. J.</i>	Θ Δ X House
Babcock, William James	<i>Rochester, N. Y.</i>	Whitridge Hall
Bailey, William Baucher	<i>Brooklyn, N. Y.</i>	Δ T House
Baldwin, Norman Lee	<i>Oak Park, Ill.</i>	Δ T House
Ballard, Clifford Bateman	<i>Cleveland, Ohio</i>	3 Northampton Road
Barnum, William Newton	<i>Brooklyn, N. Y.</i>	Δ K E House
Beckwith, Carleton Burwell	<i>Brooklyn, N. Y.</i>	Φ Δ Θ House
Bedford, Edward Thomas 2d.	<i>Brooklyn, N. Y.</i>	5 Parsons St.
Belden, Carroll Reed	<i>Omaha, Neb.</i>	B Θ Π House
Bergman, Augustus Henry	<i>Brooklyn, N. Y.</i>	Hitchcock Club
Birdsall, Lawrence Edgar	<i>Philadelphia, Pa.</i>	3 Northampton Road
Bowen, Carl Kenneth	<i>Bellows Falls, Vt.</i>	Φ K Ψ House
Boyer, William Edward	<i>Somersworth, N. H.</i>	Φ K Ψ House
Brainerd, George Winthrop	<i>Holyoke, Mass.</i>	X Φ Annex
Bravo, Hylton Logan	<i>Newton Centre, Mass.</i>	Φ K Ψ House
Bridgman, Robert Longley, Jr.	<i>Belchertown, Mass.</i>	Δ T House
Bristol, Raymond Moreau	<i>Brooklyn, N. Y.</i>	Φ Γ Δ House
Brown, Selden King	<i>Scottsville, N. Y.</i>	A Δ Φ House
Bryan, William Craig	<i>New York, N. Y.</i>	Φ Γ Δ House
Buck, Malcolm Rodney	<i>Reading, Mass.</i>	X Φ Annex
Bush, Barnard Bradford	<i>Redlands, Cal.</i>	13 Spring St.
Caldwell, Albert Maxwell	<i>New York, N. Y.</i>	29 South College
Campbell, Charles Colfax	<i>Hackensack, N. J.</i>	8 Spring St.
Cary, Frank	<i>Auburndale, Mass.</i>	4 North College
Chapin, Chester Fisher	<i>Montclair, N. J.</i>	A Δ Φ House
Chapman, Charles Hyde	<i>Rutland, Vt.</i>	55 South Pleasant St.
Clarke, Alfred Henry	<i>Portland, Ore.</i>	B Θ Π House

* Special Student.

Cooke, Thomas Skidmore	<i>Fredonia, N. Y.</i>	Φ Δ Θ House
Corry, William Francis	<i>Montpelier, Vt.</i>	Θ Δ X House
Corwin, Morton Polydore	<i>Cortland, N. Y.</i>	4 Northampton Road
Cranshaw, Harold Brown	<i>Providence, R. I.</i>	B Θ Π House
Creesy, Morton Ray	<i>Beverly, Mass.</i>	5 School St.
Crittenden, Edmund Kearsley	<i>Brooklyn, N. Y.</i>	19 Main St.
†Cross, Carroll Sheffield	<i>Williamson, N. Y.</i>	8 Woodside Ave.
Dall, William Brand, Jr.	<i>Brooklyn, N. Y.</i>	Prospect House
Davis, Arthur Lorenzo	<i>Ware, Mass.</i>	Prospect House
Davis, Fred Cady	<i>Somers, Conn.</i>	B Θ Π House
Delatour, Beeckman Jous- seum	<i>Brooklyn, N. Y.</i>	B Θ Π House
Detterick, Judd Alvin	<i>East Las Vegas, N. Mex.</i>	14 Maple Ave.
Dozier, Lewis David, Jr.	<i>St. Louis, Mo.</i>	55 South Pleasant St.
Ehrgood, Allen Harry	<i>Lebanon, Pa.</i>	Ψ T House
Elder, Frank Rose	<i>Amherst, Mass.</i>	8 Triangle St.
Fairbank, Alan Melvin	<i>Ahmednagar, India</i>	B Θ Π House
Fish, Gordon Thorn	<i>Newark, N. J.</i>	15 Spring St.
George, Robert Hudson	<i>Brookline, Mass.</i>	Whitridge Hall
Gormley, Arthur	<i>Chicago, Ill.</i>	Φ Δ Θ House
Haldeman, Harold Watson *	<i>New York, N. Y.</i>	8 Spring St.
Hatch, Frank Cornelius, Jr.	<i>Newton Centre, Mass.</i>	Φ K Ψ House
Haven, Erastus Otis	<i>Lake Forest, Ill.</i>	Whitridge Hall
Haviland, Howard Ross	<i>Brooklyn, N. Y.</i>	Δ T House
Herrmans, George Arthur	<i>Corning, N. Y.</i>	3 Northampton Road
Henofer, Elmer Wilson	<i>West New Brighton, N. Y.</i>	Δ T House
Higgs, Charles Dana	<i>Oak Park, Ill.</i>	8 North Prospect St.
Hine, Robert Burnett	<i>Overbrook, Pa.</i>	B Θ Π House
Howard, John Danielson	<i>Providence, R. I.</i>	Ψ T House
Jacobs, Paul Cloyd	<i>Lima, Ohio</i>	30 North Prospect St.
Jones, Clayton Berry	<i>Elizabeth, N. J.</i>	Δ K E House
Kane, Thomas Leo	<i>Gardiner, Me.</i>	Θ Δ X House
Keith, Roger	<i>Brockton, Mass.</i>	X Φ Annex
Kernan, Thomas Francis	<i>Cortland, N. Y.</i>	4 Northampton Road
Keyes, John Humphrey	<i>Boston, Mass.</i>	Φ K Ψ House
Kittle, Sherman Crary	<i>Stamford, N. Y.</i>	Physical Laboratory
Lamb, John Jefferson	<i>Worcester, Mass.</i>	Φ Γ Δ House
Lee, Lyndon Edmund	<i>Mt. Vernon, N. Y.</i>	A Δ Φ House

† Deceased.

* Special Student.

Sophomore Class

25

Levy, Isidor David	<i>Greenfield, Mass.</i>	17 South Prospect St.
Lloyd, Edward Bassett	<i>Medford, Mass.</i>	B Θ II House
Lord, Herbert Gardiner, Jr.	<i>New York, N. Y.</i>	Φ Δ Θ House
Lord, Upton Prentiss	<i>Omaha, Neb.</i>	Δ K E House
McBride, George Henry	<i>East Orange, N. J.</i>	Whitridge Hall
McCague, John Livingston	<i>Omaha, Neb.</i>	Whitridge Hall
McInerney, John Walter	<i>Adams, Mass.</i>	Φ Γ Δ House
McKenna, William Francis	<i>Brooklyn, N. Y.</i>	30 North Prospect St.
Marsh, Edward Henry	<i>Brooklyn, N. Y.</i>	19 Main St.
Marvin, Campbell	<i>Chicago, Ill.</i>	Δ T House
Maxson, Edgar Potter	<i>Westerly, R. I.</i>	Δ K E House
Maynard, Harry Hilts	<i>Stamford, N. Y.</i>	Φ Γ Δ House
Miller, Harold Stuart	<i>Amherst, Mass.</i>	35 East Pleasant St.
Morton, Walter Harrison	<i>Worcester, Mass.</i>	Φ Γ Δ House
Myers, Robert Evershed	<i>Rochester, N. Y.</i>	B Θ II House
Nichols, Clifford Edwards	<i>Portland, Ore.</i>	Whitridge Hall
Parks, George Bruner	<i>Brooklyn, N. Y.</i>	28 South College
Parks, Ward Jackson, Jr.	<i>Newton Centre, Mass.</i>	Φ K Ψ House
Patterson, Arthur Dunn	<i>Findlay, Ohio</i>	Ψ T House
Pattison, Arthur Eugene, Jr.	<i>Ridgewood, N. J.</i>	29 South College
Patton, William Weston	<i>Highland Park, Ill.</i>	X Φ House
Paul, Randolph Evernghim	<i>Ridgewood, N. J.</i>	3 Northampton Road
Pawley, Thomas Desire	<i>East Northfield, Mass.</i>	A North College
Pennock, Eugene Ramey	<i>Altoona, Pa.</i>	Δ K E House
Pinkett, John Randolph	<i>Washington, D. C.</i>	D North College
Pohl, Frederick Julius	<i>Brooklyn, N. Y.</i>	B South College
Post, James Wallace	<i>York, Neb.</i>	B Θ II House
Powell, William Baker	<i>Cleveland, Ohio</i>	Ψ T House
Pratt, Morris*	<i>Brooklyn, N. Y.</i>	A Δ Φ House
Prince, Stanley Hodgdon	<i>Lexington, Mass.</i>	A Δ Φ House
Pushee, Roy Edward	<i>West Newton, Mass.</i>	Θ Δ X House
Radcliffe, Vernon	<i>Brooklyn, N. Y.</i>	X Φ Annex
Roberts, Ernest Marion	<i>White Cottage, Ohio</i>	Δ T House
Roberts, Harold Carrier	<i>Utica, N. Y.</i>	12 Spring St.
Roberts, Lawrence Winston	<i>Utica, N. Y.</i>	A Δ Φ House
Roby, Horace Edgar	<i>Norwood, Mass.</i>	Hitchcock Club
Rugg, Charles Belcher	<i>Worcester, Mass.</i>	X Φ House
San Souci, Paul Aloysius	<i>Providence, R. I.</i>	8 Spring St.

* Special Student.

Sawyer, George Garfield	<i>Springfield, Mass.</i>	30 North Prospect St.
Scandrett, Richard Brown, Jr.	<i>Pittsburg, Pa.</i>	B Θ II House
Scantlebury, Paul Fenwick	<i>Springfield, Mass.</i>	College Library
Shumway, Waldo	<i>Brooklyn, N. Y.</i>	14 Maple Ave.
Slayton, George Noyes	<i>Morrisville, Vt.</i>	3 Northampton Road
Small, Harold Patten	<i>New London, Conn.</i>	Δ K E House
Smith, Donald Parsons	<i>Toledo, Ohio</i>	X Ψ Lodge
Smith, George Gifford	<i>Sheffield, Pa.</i>	Φ Δ Θ House
Smith, Ralph Potter	<i>New London, Conn.</i>	College Gymnasium
Smith, Walter Winthrop	<i>Philadelphia, Pa.</i>	28 South College
Stearns, Albert Thomas 2d	<i>Boston, Mass.</i>	X Ψ Lodge
Steinbach, Jerome Benedict	<i>Portland, Ore.</i>	12 Spring St.
Stevens, John Hardison	<i>New York, N. Y.</i>	8 Kellogg Ave.
Stith, Wilmer Curtis, Jr.	<i>St. Louis, Mo.</i>	Ψ T House
Stone, Arthur Crawford	<i>Worcester, Mass.</i>	Θ Δ X House
Stone, William Morrell	<i>Guilford, Conn.</i>	Hitchcock Club
Stott, Frederic William Heaton	<i>Stamford, Conn.</i>	Ψ T House
Thompson, Leighton Sumner	<i>East Weymouth, Mass.</i>	12 South College
Treadwell, George Ludington	<i>Brookline, Mass.</i>	Φ Δ Θ House
Van Woert, Lee Dutton	<i>Oneonta, N. Y.</i>	Tyler Place
Wakelee, Louis Elmer	<i>Big Flats, N. Y.</i>	X Ψ Lodge
Walbridge, Arthur Hess	<i>Rochester, N. Y.</i>	A Δ Φ House
Walker, Lewis Brigham	<i>Norwood, Mass.</i>	15 Spring St.
Washburn, William Francis	<i>Brockton, Mass.</i>	X Φ House
Weathers, Brantley Alexander, Jr.	<i>Ocala, Fla.</i>	11 South Prospect St.
West, Joseph Thomas	<i>Princeton, Mass.</i>	Prospect House
Wheelock, Dexter	<i>Brooklyn, N. Y.</i>	X Φ Annex
Whitney, Harold Adelbert	<i>Chenango Forks, N. Y.</i>	Φ K Ψ House
Whitten, Edmund Sumner	<i>Holyoke, Mass.</i>	Tyler Place
Williams, George Way	<i>Rochester, N. Y.</i>	Φ Γ Δ House
Wilson, Leonard Hodges	<i>Waterville, N. Y.</i>	A Δ Φ House
Wood, Lawrence	<i>Monongahela, Pa.</i>	Δ K E House
Woodside, William Stewart	<i>Elmira, N. Y.</i>	7 Parsons St.
Wyckoff, Ralph Smith	<i>Stamford, N. Y.</i>	Physics Laboratory
Yerrall, George Randall, Jr.	<i>Springfield, Mass.</i>	X Φ Annex
Young, Donnell Brooks	<i>North Hanover, Mass.</i>	8 Kellogg Ave.

Freshman Class

Abele, Richard Peter	<i>Zanesville, Ohio</i>	Δ T House
Ambrose, Nathaniel	<i>Yonkers, N. Y.</i>	11 Parsons St.
Andrews, Tom Truitt	<i>New Bethlehem, Pa.</i>	Δ K E House
Armstrong, Robert Grenville	<i>Northampton, Mass.</i>	
Atwater, William Cutler, Jr.	<i>Westhampton Beach, N. Y.</i>	12 Spring St.
Bacon, Howard Rogers	<i>Pittsford, N. Y.</i>	5 School St.
Barton, Frederick Bushnell	<i>Oak Park, Ill.</i>	32 North College
Bates, Lloyd	<i>Portland, Oregon</i>	15 Spring St.
Baumann, Albert Vogt, Jr.	<i>Fremont, Ohio</i>	17 North College
Beatty, Claudius Francis	<i>Brooklyn, N. Y.</i>	9 North College
Bernhard, Miller Robert		
Adolph	<i>Rochester, N. Y.</i>	3 Northampton Road
Birdseye, Roger Williams	<i>New York, N. Y.</i>	12 North College
Bishop, Stanley Guard	<i>Glyndon, Md.</i>	5 School St.
Bishop, William Woolley	<i>Southampton, N. Y.</i>	B North College
Bobb, Victor Charles Vaughn *	<i>Houghton, Mich.</i>	A Δ Φ House
Brock, Roland Humphrey	<i>Athol, Mass.</i>	26 North College
Bronaugh, Lewis Judson	<i>Portland, Ore.</i>	3 Northampton Road
Broughton, John Nicholson	<i>Jamaica Plain, Mass.</i>	14 South College
Brown, Edmund, Jr.	<i>Norfolk, Conn.</i>	16 South College
Brown, William Mylton	<i>North Adams, Mass.</i>	5 Sunset Ave.
Burns, Howard Fletcher	<i>Chicago, Ill.</i>	8 North Prospect St.
Burt, Wilbur Farnham	<i>New York, N. Y.</i>	28 Pleasant St.
Bussom, Thomas Wainwright	<i>Pottsville, Pa.</i>	10 North College
Campbell, Archibald Brush	<i>Mt. Vernon, N. Y.</i>	21 South College
Carlin, George Andrew	<i>Brooklyn, N. Y.</i>	28 Pleasant St.
Cass, DeLysle Ferree *	<i>Chicago, Ill.</i>	Φ Δ Θ House
Chasseaud, Herve Gordon de	<i>Brooklyn, N. Y.</i>	23 South College
Clapp, George Ewing	<i>Northampton, Mass.</i>	18 Spring St.
Colby, Cleon Woodward	<i>West Lebanon, N. H.</i>	13 Spring St.
Corwin, Arthur Russell	<i>Somerville, Mass.</i>	14 South College

* Special Student.

Crandall, Harold Warren	<i>Normandy, Mo.</i>	5 North College
Dann, Harry Francis	<i>Tullahoma, Tenn.</i>	17 North College
Darmstaetter, Armine Arthur	<i>Detroit, Mich.</i>	13 Lessey St.
Davenport, Everett Banfield	<i>Taunton, Mass.</i>	55 South Pleasant St.
Davenport, Russell Lounsberry	<i>Ogden, Utah</i>	1 Nash Block
Davis, Clarion Almadeo	<i>Collinsville, Conn.</i>	11 North College
Deming, John Hallock	<i>Litchfield, Conn.</i>	12 Spring St.
Deming, Keith Worthington	<i>Dubuque, Iowa</i>	31 North College
Dick, Richard George	<i>Worcester, Mass.</i>	15 North College
Dickson, Ensign Earle	<i>Holyoke, Mass.</i>	29 South Pleasant St.
Doolittle, William Pitt Shearman	<i>Utica, N. Y.</i>	Ψ Υ House
Edds, Mac Vincent	<i>Sag Harbor, N. Y.</i>	8 North Prospect St.
Evans, Brice Shepard	<i>Boston, Mass.</i>	Θ Δ Χ House
Fielding, James Ridge	<i>Hackensack, N. J.</i>	8 Spring St.
Fitts, George Henry	<i>Pawtucket, R. I.</i>	14 Maple Ave.
Fitts, Harold Edward	<i>Mansfield, Mass.</i>	26 North College
Fraser, Harold Lloyd	<i>Woburn, Mass.</i>	8 North College
Freeman, Harlan Page	<i>Fredonia, N. Y.</i>	19 South College
Gardner, George Knowles	<i>Worcester, Mass.</i>	A South College
Gaynor, Rufus William	<i>Brooklyn, N. Y.</i>	5 Parsons St.
Gideon, Reinhart Lang	<i>Ogden, Utah</i>	1 Nash Block
Goldstein, Harry	<i>Spokane, Wash.</i>	8 North College
Gray, Edward Benjamin	<i>Washington, D. C.</i>	1 South College
Greene, Harold Clute	<i>Cohoes, N. Y.</i>	12 Spring St.
Greenleaf, Jonathan Parsons	<i>Branchville, N. J.</i>	29 North College
Gregory, Ernest	<i>Marblehead, Mass.</i>	26 South College
Guerrico, Louis Felipe*	<i>Buenos Ayres, Arg. Rep.</i>	19 North College
Haight, Harris Losee	<i>Millbrook, N. Y.</i>	23 North College
Hall, Russell Bertram	<i>Worcester, Mass.</i>	5 School St.
Hand, Avery Chapman	<i>Mansfield, O.</i>	12 Spring St.
Havens, Ullman Leroy	<i>Southampton, N. Y.</i>	22 North College
Heavens, Ralph Bardwell	<i>Plymouth, Mass.</i>	3 Northampton Road
Hemphill, Frederick Arnold	<i>Elizabeth, N. J.</i>	5 School St.
Holmes, John Emberton	<i>Putnam, Conn.</i>	15 Spring St.
Hubbard, Claude Harrison	<i>Hatfield, Mass.</i>	Gymnasium
Hulse, Gould Kenneth	<i>Roslindale, Mass.</i>	35 North Prospect St.

* Special Student.

Freshman Class

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Hunting, Raymond Davis *	<i>Boston, Mass.</i>	22 North College
Hurst, Benoni Price	<i>Washington, D. C.</i>	1 South College
Huszagh, Victor Lee	<i>Chicago, Ill.</i>	19 Main St.
Jackson, Frank Stanley	<i>Winthrop, Me.</i>	18 Amity St.
Johns, William Franklin *	<i>Baltimore, Md.</i>	10 South College
Jones, Levi Ronald	<i>Winthrop, Me.</i>	5 School St.
Jones, Lloyd	<i>Circleville, Ohio</i>	20 North College
Joy, Percy Clark	<i>Atlantic City, N. J.</i>	14 North College
Keeler, Isaac Spaulding	<i>Grand Rapids, Mich.</i>	18 South College
Kelly, Lawrence Rogers	<i>Brighton, Mass.</i>	8 Kellogg Ave.
Keogh, John Joseph *	<i>South Hadley Falls, Mass.</i>	31 Amity St.
Keyser, Paul Fulmer	<i>East Orange, N. J.</i>	14 Maple Ave.
Kip, Ruloff Frederic *	<i>Montclair, N. J.</i>	12 Woodside Ave.
Lahey, William Stewart	<i>Jersey City, N. J.</i>	25 Pleasant St.
Lary, Harold Raymond	<i>Wareham, Mass.</i>	18 Amity St.
Lee, Henry Foster *	<i>Buffalo, N. Y.</i>	19 South Prospect St.
Levy, Maurice Jacques	<i>Greenfield, Mass.</i>	17 South Prospect St.
Lewis, Leo Bernard *	<i>Hyannis, Mass.</i>	18 Amity St.
Loomis, Hubert Hillhouse	<i>Bedford, Mass.</i>	5 School St.
Lucey, Patrick Henry	<i>Northampton, Mass.</i>	4 South College
Lyon, Arthur Bates	<i>Brockton, Mass.</i>	13 South College
MacFarland, Frank Janvier	<i>Brooklyn, N. Y.</i>	7 Woodside Ave.
Madden, John Harrison	<i>Binghamton, N. Y.</i>	12 Spring St.
Mason, Charles Alfred *	<i>Baltimore, Md.</i>	10 South College
Matsukata, Yoshisuke	<i>Tokyo, Japan</i>	8 North Prospect St.
Mead, Frederic Harold	<i>Watervliet, N. Y.</i>	12 Lessey St.
Mesick, Henry Thomas	<i>Springfield, Mass.</i>	15 Spring St.
Miles, Daniel Nelson	<i>Livingston, Mont.</i>	17 South College
Miller, Spencer, Jr.	<i>South Orange, N. J.</i>	14 Maple Ave.
Miller, William Evans	<i>Pittsburg, Pa.</i>	5 School St.
Millett, Fred Benjamin	<i>Whitman, Mass.</i>	C North College
Miner, Edward Cooley	<i>Springfield, Mass.</i>	15 Spring St.
Mohair, Joseph Patrick	<i>Newton, N. J.</i>	29 North College
Moller, Lester John Frederick	<i>Brooklyn, N. Y.</i>	21 North College
Moody, Van Buren	<i>Mt. Hermon, Mass.</i>	14 Maple Ave.
Mulvihill, Frank Denver	<i>Brooklyn, N. Y.</i>	28 Pleasant St.
Nason, Carlton Emerson	<i>Salmon Falls, N. H.</i>	5 South College
Nichols, George Henry	<i>Amherst, Mass.</i>	55 South Pleasant St.

* Special Student.

Nishimiya, Masutaro *	<i>Tokyo, Japan</i>	Prospect House
Norris, William Baker, Jr.	<i>St. Joseph, Mo.</i>	12 Northampton Road
Olds, Leland	<i>Amherst, Mass.</i>	3 Orchard St.
Orr, Alan Gardner	<i>Springfield, Mass.</i>	25 North College
Orr, Walter Stuart *	<i>Orr's Mills, N. Y.</i>	4 South College
Ostrander, Henry Sage	<i>Butte, Mont.</i>	19 Main St.
Parsons, DeWitt Hoag	<i>Binghamton, N. Y.</i>	16 North College
Peacock, Alfred Burlingham	<i>Brooklyn, N. Y.</i>	9 North College
Pease, Franklin Stuart	<i>Enfield, Ct.</i>	8 North Prospect St.
Peirce, Harry Haynes	<i>Taunton, Mass.</i>	10 North College
Perkins, Charles Kingman	<i>York Village, Me.</i>	52 South Pleasant St.
Peters, Reed Charles	<i>Omaha, Neb.</i>	13 North College
Phelps, Alfred Edward	<i>Brooklyn, N. Y.</i>	Prospect House
Pinney, Harold Burley	<i>Stafford, Ct.</i>	23 North College
Pitta, John Charles, Jr.	<i>New Bedford, Mass.</i>	12 Spring St.
Powell, Howell	<i>Shadeland, Pa.</i>	5 South College
Proudfoot, Perry Alexander	<i>Roselle, N. J.</i>	19 Main St.
Quinn, James Joseph, Jr.	<i>Whitinsville, Mass.</i>	27 North College
Ramage, Alfred Hull	<i>Oil City, Pa.</i>	10 South College
Randell, George Mulford	<i>New York, N. Y.</i>	5 Maple Ave.
Rankin, Russell Bruce	<i>Newark, N. J.</i>	5 North College
Rathbun, Benjamin	<i>Elmira, N. Y.</i>	21 South College
Reed, Albert Cleveland	<i>Seattle, Wash.</i>	13 Spring St.
Reeve, Hugh Stanley,	<i>Kenwood, N. Y.</i>	25 South College
Robertson, Alexander Hanson, Jr.*	<i>Baltimore, Md.</i>	11 South College
Root, Russell	<i>North Attleboro, Mass.</i>	18 Amity St.
Sanford, Wayland Hall	<i>Duluth, Minn.</i>	28 North College
Sawyer, Alan Foster	<i>Brooklyn, N. Y.</i>	28 North College
Schaefer, Oliver Frederick	<i>Highland Park, Ill.</i>	
Scrymgeour, Clarence Harold	<i>Mansfield, Mass.</i>	77 Pleasant St.
Selby, Frank Sheldon	<i>Omaha, Neb.</i>	13 North College
Sheldon, Winfred Charles	<i>Fort Ann, N. Y.</i>	26 South College
Sherman, Stanley Carter	<i>Quincy, Mass.</i>	7 Parsons St.
Sibley, Beeman Pitcher	<i>Wellesley Hills, Mass.</i>	23 North College
Siegrist, William, Jr.*	<i>Brooklyn, N. Y.</i>	21 North College
Simpson, Howard Dodd	<i>Brooklyn, N. Y.</i>	5 South College
Smith, Carl J	<i>Stillwater, N. J.</i>	8 North Prospect St.

* Special Student.

Freshman Class

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Smith, Leslie Fisher	<i>Stamford, Conn.</i>	8 South College
Smithers, Melville	<i>St. Louis, Mo.</i>	10 South College
South, Harold Thomas	<i>East Braintree, Mass.</i>	8 Kellogg Ave.
Spalding, Charles Dawson	<i>Malden, Mass.</i>	8 Woodside Ave.
Spry, William Taylor	<i>Evanston, Ill.</i>	B Θ II House
Stebbins, Leon Raymond *	<i>South Deerfield, Mass.</i>	33 Northampton Road
Steber, Raymond William	<i>Warren, Pa.</i>	2 South College
Stevens, Wynne Chard	<i>Jamestown, R. I.</i>	5 School St.
Stiles, Lorren, Jr.	<i>Victor, N. Y.</i>	15 Amity St.
Storke, Harold Grey	<i>Auburn, N. Y.</i>	6 North College
Stuart, Merritt Corbett	<i>Binghamton, N. Y.</i>	16 North College
Stubbs, Eric Walter	<i>New York, N. Y.</i>	8 Kellogg Ave.
Swanton, Hobart Pond	<i>Rochester, N. Y.</i>	19 South Prospect St.
Talcott, Warren Edward	<i>Livingston, Mont.</i>	17 South College
Tead, Ordway	<i>Somerville, Mass.</i>	30 North College
Thompson, Joseph Clemengen		
2d	<i>Lima, Ohio</i>	8 Spring St.
Thompson, Karl Osborn	<i>Key West, Fla.</i>	12 Spring St.
Thornton, Irving Taylor	<i>Buffalo, N. Y.</i>	19 Main St.
Turner, Philip Layton	<i>Elmhurst, N. Y.</i>	19 South College
Vernon, Joseph Henry	<i>Mansfield, Mass.</i>	77 South Pleasant St.
Vollmer, Edward Bartlett *	<i>Brooklyn, N. Y.</i>	9 South College
Vroom, Clifford Hall	<i>Briarcliffe Manor, N. Y.</i>	7 South College
Weis, Herman William	<i>Franklin, Ohio</i>	17 North College
Welles, Robert	<i>Paris, France</i>	12 North College
Wellman, Sargent Holbrook	<i>Malden, Mass.</i>	8 Woodside Ave.
Wesner, Frederick William *	<i>Brookline, Mass.</i>	31 North College
Westervelt, William Raymond	<i>Beemerville, N. J.</i>	14 North College
Wheaton, Raymond Thomas	<i>Putnam, Conn.</i>	77 South Pleasant St.
Whiteman, Harold Bartlett	<i>Rochester, N. Y.</i>	7 Parsons St.
Williams, Lester Emerson	<i>Brockton, Mass.</i>	13 South College
Witney, George Walter	<i>Brockport, N. Y.</i>	16 North College

* Special Student.

Summary

FELLOWS	4
SENIORS	106
JUNIORS	104
SOPHOMORES	142
FRESHMEN	172
TOTAL	528

CLASSIFICATION BY RESIDENCE

UNITED STATES			
New York	169	Florida	2
Massachusetts	151	Minnesota	2
New Jersey	30	Utah	2
Connecticut	24	Wisconsin	2
Pennsylvania	22	Iowa	2
Illinois	19	Alabama	1
Ohio	20	Colorado	1
Vermont	10	Indiana	1
Missouri	7	Kentucky	1
Nebraska	7	New Mexico	1
Oregon	7	West Virginia	1
District of Columbia	6	California	1
Rhode Island	6		520
Maryland	5		
Maine	4	FOREIGN COUNTRIES	
Michigan	4	Argentine Republic	1
Montana	3	France	1
New Hampshire	3	India	3
Tennessee	3	Japan	3
Washington	3		528

Award of Fellowships

1907-1908

RUFUS B. KELLOGG FELLOWSHIP

Preserved Smith, B.A. (1901), PH. D.

HITCHCOCK PHYSICAL EDUCATION FELLOWSHIP

Percy Robert Carpenter, B.A.

ROSWELL DWIGHT HITCHCOCK MEMORIAL FELLOWSHIP

Albert Jesse Lovelee, B.A. (1908)

SOUTH END HOUSE FELLOWSHIP

George Emerson Cary, B.A. (1907)

Award of Honors

1907-1908

COMMENCEMENT SPEAKERS

Cecil King Blanchard

William Haller

William Scribner Kimball

John McChesney

William Judson Marsh

*Horatio Elwin Smith

Stanley Lewis Wolff

*Excused.

PHI BETA KAPPA

FIRST DRAWING (Class of 1908)

Cecil King Blanchard
 Kenneth Morrison Gibson
 William Haller

John McChesney
 Horatio Elwin Smith
 James Albert Sprenger

SECOND DRAWING (Class of 1908)

Harold James Baily
 Arthur Richards Dunbar
 Walter Conkey Gold
 Robert Hayward Kennedy
 William Scribner Kimball

William Judson Marsh
 Samuel Frederic Monroe
 George Edward Rawson
 Stanley Lewis Wolff

FIRST DRAWING (Class of 1909)

Ernest Lord Earle
 Morris Gabriel Michaels

George Hewit Plough
 Clinton White Tylee

Final Honors

CHEMISTRY

Arthur Richard Dunbar
 William Judson Marsh
 Earl Benjamin Robinson

ENGLISH

William Haller

LATIN

Walter Conkey Gold
 George Edward Rawson

MODERN GOVERNMENT AND INTERNATIONAL LAW

Robert Haywood Kennedy
 George Edward Rawson

ROMANCE LANGUAGES

Horatio Elwin Smith

Award of Prizes

1907-1908

HUTCHINS GREEK PRIZE — Class of 1909

Christian Alban Ruckmich

BERTRAM LATIN PRIZES

First Prize: Walter Conkey Gold, Class of 1908

Second Prize: Albert Jesse Lovelee, Class of 1908

BILLINGS LATIN PRIZE

Walter Conkey Gold, Class of 1908

LAW LATIN PRIZE

Walter Conkey Gold, Class of 1908

THOMPSON LATIN PRIZES

First Prize: Morris Gabriel Michaels, Class of 1909

Second Prize: { Ernest Lord Earle, Class of 1909
Stoddard Lane, Class of 1909

SECOND YEAR LATIN PRIZES

First Prize: Talbot Faulkner Hamlin, Class of 1910

Second Prize: George Frisbie Whicher, Class of 1910

FIRST YEAR LATIN PRIZES

First Prize: George Bruner Parks, Class of 1911

Second Prize: John Humphrey Keyes, Class of 1911

KELLOGG PRIZES

Ernest Webster Stedman, Class of 1910

Frederick Julius Pohl, Class of 1911

Amherst College

HARDY PRIZES — Class of 1908

First Prize: Harold Chessman Keith*Second Prize:* Merle Dixon Graves

HYDE PRIZE — Class of 1908

Merle Dixon Graves

BOND PRIZE — Class of 1908

William Haller

KENT PRIZE — Class of 1908

William Haller

A. C. JAMES PRIZE

Perry Rush Cobb, Class of 1908

WALKER PRIZES

*Second Year Mathematics**First Prize:* Roger Arthur Johnson, Class of 1910*Second Prize:* Robert Cornelius Murray, Class of 1910*First Year Mathematics**First Prize:* Arthur Eugene Pattison, Jr., Class of 1911*Second Prize:* John Humphrey Keyes, Class of 1911

PORTER PHYSICS PRIZE — Class of 1908

Allan White Forbes

PORTER ASTRONOMY PRIZE — Class of 1908

Frank Allen Burt

SAWYER MEDAL — Class of 1911

Paul Fenwick Scantlebury

A. LYMAN WILLISTON PRIZES — Class of 1911

First Prize: Lewis Brigham Walker*Second Prize:* George Garfield Sawyer

Award of Prizes

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LELAND PRIZE

The Junior Class (Class of 1909)

WOODS PRIZE — Class of 1908

Harold James Baily

LADD ORATION PRIZES — Class of 1909

Alfred Swift Frank	Levon Hampartzum Kooyumjian
Fred Raymond Gilpatric	Morris Gabriel Michaels
Robert Hugh Hamilton, Jr.	Francis Foster Powell
William Gooding Hartin	Christian Alban Ruckmich
James Blaine Hunter	Clinton White Tylee
Joseph Boardman Jamieson, Jr.	William Auerbach Vollmer

ARMSTRONG PRIZES — Class of 1911

First Prize: Vernon Radcliffe

Second Prize: Lee Dutton Van Woert

Third Prize: Arthur Eugene Pattison, Jr.

PORTER ADMISSION PRIZE — Class of 1912

Harold Lloyd Frazer.

(Prepared at Woburn High School.)

HONORABLE MENTION.

William Cutler Atwater, Jr.

(Prepared at Sanford School, Redding Ridge, Conn.)

Honorable Mention

BIBLICAL LITERATURE

1909 Edwards Lynde Cleaveland

BOTANY

1908 Cecil King Blanchard

1908 Robert Metcalfe Smith

CHEMISTRY

1908 Marston Lovell Hamlin

1908 William Judson Marsh

ECONOMICS

1909 Morris Gabriel Michaels

ENGLISH

1909 Merrill Fowler Clarke

1910 Talbot Faulkner Hamlin

FRENCH

1908 Arthur Richards Dunbar

1910 Robert Cornelius Murray

1909 Clinton White Tylee

1911 George Bruner Parks

GERMAN

1909 Watson Wordsworth

1910 Robert Cornelius Murray

1910 Ollo Alson Kennedy

1911 George Bruner Parks

GREEK

1908 Walter Conkey Gold

1910 Talbot Faulkner Hamlin

1909 Stoddard Lane

1910 Clayton Edward Keith

1909 Christian Alban Ruckmich

1910 Robert Cornelius Murray

HISTORY

1908 Stanley Lewis Wolff

1910 Robert Cornelius Murray

ITALIAN

1908 Walter Conkey Gold

Honorable Mention

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LATIN

1908	Walter Conkey Gold	1910	Robert Cornelius Murray
1909	Ernest Lord Earle	1911	George Bruner Parks
1909	Morris Gabriel Michaels	1911	Arthur Eugene Pattison, Jr.

MATHEMATICS

1908	William Scribner Kimball	1911	Alan Melvin Fairbank
1910	Charles John Hudson	1911	Arthur Eugene Pattison, Jr.
1910	Roger Arthur Johnson	1911	Lee Dutton VanWoert
1910	Robert Cornelius Murray		

MODERN GOVERNMENT

1908	George Burns	1908	Earl Benjamin Robinson
1908	Robert Haywood Kennedy	1908	William Bowen Mitchell Tracy
1908	William Judson Marsh	1908	Stanley Lewis Wolff

PHILOSOPHY

1909	Ernest Lord Earle	1909	Morris Gabriel Michaels
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SPANISH

1908	Robert Hussey Flynt	1908	William Judson Marsh
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Degrees Conferred in 1908

Degrees in Course

Bachelor of Arts

Summa Cum Laude

William Haller

Horatio Elwin Smith

Magna Cum Laude

Harold James Baily

John McChesney

Arthur Richards Dunbar

William Judson Marsh

Kenneth Morrison Gibson

Samuel Frederic Monroe

Walter Conkey Gold

George Edward Rawson

Robert Haywood Kennedy

Stanley Lewis Wolff

William Scribner Kimball

Cum Laude

Julius Stanley Birge

Arthur Preston Paine

George Burns

George Francis Palmer

Frank Allen Burt

Thomas Francis Power

Philip Hunt Burt

Ned Powley

Perry Rush Cobb

Fairfax Addison Reilly

Robert Hussey Flynt

Earl Benjamin Robinson

Allan White Forbes

James Taylor Sleeper

Merle Dixon Graves

Frederick Pitkin Smith

Marston Lovell Hamlin

Robert Metcalf Smith

Hugh Wells Hubbard

William Bower Mitchell Tracy

Harold Chessman Keith

William Joseph Warriner

Arthur Livingstone Kimball

William Ives Washburn, Jr.

Edward Pierce Larkin

Heath Edgar White

Albert Jesse Lovelee

Robert Bellville Woodbury

Guy Edwin Moulton

Degrees Conferred in 1908

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Rite

Donald Beardsley Abbott	Anthony Huffman Keese
Gilbert Weed Benedict	Charles Hubbard Keyes
Wilfred Thomas Birdsall	Francis Stratton Knox
Holbrook Bonney	Ralph Lane Loomis
William Henderson Burg	Edward John Mulry
James Henry Callahan	James Oliver Mumford
Michael Ignatius Danahey	Martin Hayward Post, Jr.
Edward Ogden Dewing	Charles Putnam Searle
Walter William Dubreuil	Maxwell Carleton Shattuck
George Crawford Elsey	Albert Maynard Stearns
John Andrew Gildersleeve	Enos Smith Stockbridge
Harold Leroy Goddard	Fred Bradford Warner
Walter Lucien Graves	Paul Welles

Bachelor of Science

Magna Cum Laude

Cecil King Blanchard

Rite

Harold Stuart Brown	Daniel Boynton Jones
Harry Willard Davis	John Elbert Marshall
John Oscar Delamater	Louis Joseph Nicolaus
Henry Augustus Dudley	Charles Wilfred Niles, Jr.
Thomas Clarence Heisey	Fayette Francis Reed
Philip Starr Jamieson	Dwight Harold Rogers

Master of Arts

Chilton L. Powell	B.A., 1907
Phillip A. Burt	B.A., 1908

Amherst College

*Honorary Degrees***Master of Arts**

ROBERT ARCHEY WOODS

Doctor of Divinity

ROYAL MERRIMAN COLE

WARREN JOSEPH MOULTON

JOHN MARTIN THOMAS

Doctor of Laws

LYMAN ABBOTT

WILLIAM BULLOCK CLARK

ARTHUR PRENTICE RUGG

Admission

ALL candidates for admission to College must present satisfactory testimonials of good moral character.

Entrance requirements correspond to courses leading to the degrees of Bachelor of Arts and Bachelor of Science, and to the Special Course that does not lead to a degree. The requirements are indicated below in groups of studies preparatory to the several courses.

REQUIREMENTS FOR BACHELOR OF ARTS COURSE

Candidates for admission to the Freshman Class in the course leading to the degree of Bachelor of Arts must present satisfactory qualifications in one of the following groups of subjects according to the specifications given under each subject.

GROUP 1

Latin I, II
Greek I, II
Mathematics I
English A and B
History I

In addition at least one point shall be made from the elective list on page 45.

GROUP 2

{ Latin I, II and Greek I
or
{ Greek I, II, and Latin I
Mathematics I
English A and B
History I

In addition at least three points shall be made from the elective list on page 45.

GROUP 3

{ Latin I, II
or
{ Greek I, II
Mathematics I
English A and B
History I

In addition, if Latin is presented, at least seven points, and, if Greek is presented, nine points, shall be made from the elective list on page 45. Four of these points shall be a modern language, and two points an advanced subject.

REQUIREMENTS FOR BACHELOR OF SCIENCE COURSE

Candidates for admission to the Freshman Class in the course leading to the degree of Bachelor of Science must present satisfactory qualifications in the following subjects, according to the specifications given under each subject.

Latin I
Mathematics I
English A and B
History I or II
Chemistry or Physics
French I or German I

In addition at least three points shall be made from the elective list on page 45.

A student who presents Latin I, II, at entrance may become a candidate for the degree of Bachelor of Arts by electing Latin for one college year.

LIST OF ELECTIVES

*Elementary**Advanced*

French I	} 4 points each	Latin II	} 2 points each
German I		French II	
Physics	} 2 points each	German II	
Chemistry		Solid Geometry	} 1 point each
Harmony		Advanced Algebra	
Roman History	} 1 point each	Trigonometry and Logarithms	
Greek History			
Mediæval History			
English History			
American History			
Physiology			
Physiography			
Botany			

A subject not included in the above list, that has been pursued so far as to be equivalent to one or two semesters of that subject in College, may be presented, on examination, as an advanced subject.

REQUIREMENTS FOR SPECIAL COURSE

For admission to a special course not leading to a degree, every candidate must present:—

Mathematics I
English A and B
History II
Chemistry or Physics

In addition there shall be two elementary and one advanced subjects from the following lists:—

Elementary

French I
 German I
 History I
 Chemistry
 Physics
 Harmony

Advanced

French II
 German II
 Mathematics II

A subject, not included in the above list, that has been pursued so far as to be equivalent to one or two semesters of that subject in College, may be presented, on examination, as an advanced subject.

LATIN**I. ELEMENTARY LATIN**

The examination will be adapted to the proficiency of those who have studied Latin in a systematic course of five exercises a week extending through three school years. In preparation for the elementary examination, the candidate should read and review at least Cæsar's *Gallic War*, books I-IV, or an equivalent; Cicero's *Orations*, *Against Catiline*, *For Archias*, *For the Manilian Law*; and should gain ability to read Latin at sight. Careful attention should be given from the beginning to the correct pronunciation of Latin words according to the Roman method. The examination will include: —

- (a) Translation of passages of Latin prose at sight.
- (b) A thorough examination on Cicero's *Orations against Catiline*, II, III, IV, directed to testing the candidate's mastery of the ordinary forms, constructions, and idioms of the language.

II. ADVANCED LATIN

In addition to the preparation mentioned above for the elementary Latin, the candidate should read and review Vergil's *Æneid*, books I-VI at least, or an equivalent; and have adequate training in reading Latin poetry in the original, in translating Latin poetry at sight, and in Latin prose composition. The examinations will include: —

(a) Translation of passages of Latin verse at sight.

(b) A thorough examination on Vergil's *Æneid*, books I and II, directed to testing the candidate's mastery of the ordinary forms, constructions, idioms, and prosody.

(c) Translation into Latin prose of a passage of connected English narrative, based on some portion of the Latin prose works usually read in preparation for college, and limited to the subject-matter of those works.

Candidates for the degree of B.S. will take Latin I.

Candidates for the degree of B.A. will take both Latin I and II.

GREEK

I. ELEMENTARY GREEK

The examination will be adapted to the proficiency of those who have studied Greek in a systematic course of five exercises a week, extending through at least two school years. In preparation for the elementary examination, the candidate should read the first three books of Xenophon's *Anabasis* or an equivalent, and be carefully drilled in the principles of syntax and inflections of Attic prose. The examination will include: —

(a) Translation into Greek of short sentences illustrating common principles of syntax.

(b) A thorough examination on the first two books of Xenophon's *Anabasis*.

(c) Translation of passages of Attic prose at sight.

II. ADVANCED GREEK

The examination will be adapted to the proficiency of those who have studied Greek in a systematic course of five exercises a week extending through at least three school years. In addition to preparation for the elementary examination, the candidate should read the fourth book of Xenophon's *Anabasis*, and three books of Homer's *Iliad*; and should be trained to render into Greek passages of English narrative involving all ordinary constructions. The examination will include: —

(a) Translation into Greek of a passage of connected English narrative based on the second book of Xenophon's *Anabasis*.

(b) A thorough examination on the first book of Homer's *Iliad*.

(c) Translation of passages of Homer at sight, with questions on the forms, constructions, and idioms of the passages.

MATHEMATICS

I. ELEMENTARY MATHEMATICS

(a) Algebra.

The requirement in algebra includes the following subjects: factors, common divisors and multiples, fractions, ratios, and proportions; negative quantities and the interpretation of negative results; theory of exponents; radicals and equations involving radicals; arithmetical and geometrical progressions; the binomial theorem for positive integral powers of the binomial, and the extraction of roots; the ordinary methods of elimination, and the solution of both numerical and literal equations of the first and second degrees with one or more unknown quantities, and of problems leading to such equations; theory of quadratic equations.

The student should be trained early in the fundamental principles of graphic algebra, and should be required to make frequent use of this method in the study of equations.

(b) Plane geometry, including problems in mensuration, and original propositions.

The requirement in geometry embraces the following topics: the general properties of plane rectilinear figures; proportion; incommensurable magnitudes and limits; the circle and the measure of angles; similar polygons; areas; regular polygons and the measure of the circle; problems in construction.

In each subject great importance is attached to accuracy and readiness, and to neatness in the arrangement of written work.

II. ADVANCED MATHEMATICS

(a) Algebra, including choice, chance, the binomial theorem for all exponents, logarithms, determinants, graphs, derivatives, and a brief

introduction to the theory of equations, including the usual topics as far as transformations.

(b) Solid and spherical geometry.

(c) Plane trigonometry.

In elementary algebra and plain geometry no certificate will be accepted for work that has not been pursued or reviewed within the two years preceding the date of the student's admission to college. No certificate will be accepted for work in solid geometry, advanced algebra and plain trigonometry.

ENGLISH

Preparation in English has two main objects: (1) command of correct and clear English, spoken and written; (2) power to read with intelligence and appreciation.

To secure the first end, training in grammar and the simpler principles of rhetoric, and the writing of frequent compositions, are essential. The candidate must be able to spell, capitalize, and punctuate correctly. He must show a practical knowledge of the essentials of English grammar, including ordinary grammatical terminology, inflections, syntax, the use of phrases and clauses; a thorough training in the construction of the sentence; and familiarity with the simpler principles of paragraph division and structure.

To test the candidate's command of clear and accurate English, he will be required to write brief compositions upon one or more topics drawn from the assigned readings in English A, as indicated below. After 1910 the candidate will also be required to write upon one or more subjects of ordinary experience or knowledge, not taken from the prescribed books.

To secure the second end, the reading of a certain number of books is prescribed. The list is intended to give the candidate the opportunity of reading, under intelligent direction, a number of important pieces of literature. The prescribed books are divided into two groups as follows: —

A

The candidate should read the books prescribed below with a view to understanding and enjoying them. He will be expected to show a reasonable degree of familiarity with their substance.

For students entering in 1909, 1910, 1911: —*

Shakspere's *The Merchant of Venice* and *Julius Cæsar*; Bunyan's *The Pilgrim's Progress* (Part I); *The Sir Roger de Coverley Papers* in *The Spectator*; Scott's *The Lady of the Lake* and *Ivanhoe*; Irving's *Sketch Book*; Macaulay's *Lays of Ancient Rome*; Tennyson's *Gareth and Lynette*, *Lancelot and Elaine*, and *The Passing of Arthur*; George Eliot's *Silas Marner*.

For students entering in 1912: —*

Shakspere's *As You Like It* and *Julius Cæsar*; Franklin's *Autobiography*; Goldsmith's *The Deserted Village*; Dickens's *A Tale of Two Cities*; George Eliot's *Silas Marner*; Irving's *Sketch Book*; Scott's *The Lady of the Lake*; Byron's *Mazeppa* and *The Prisoner of Chillon*; Macaulay's *Lays of Ancient Rome*.

B

The candidate should be able to answer specific questions on the contents of the books prescribed below. The examination is not designed, however, to require minute drill in difficulties of verbal expressions, unimportant allusions, or technical details.

For students entering in 1909, 1910, 1911: —

Shakspere's *Macbeth*; Milton's *Lycidas*, *Comus*, *L'Allegro*, and *Il Penseroso*; Macaulay's *Life of Johnson*, or Carlyle's *Essay on Burns*.

For students entering in 1912: —

Shakspere's *Macbeth*; Milton's *Comus*, *L'Allegro*, and *Il Penseroso*, or Tennyson's *Gareth and Lynette*, *Lancelot and Elaine*, and *The Passing of Arthur*; Macaulay's *Life of Johnson*, or Carlyle's *Essay on Burns*.

* The lists for the classes entering in 1909, 1910, 1911, and 1912 are selected from the lists adopted by the Conference on Uniform Entrance Requirements in English at meetings held in New York City on February 22, 1905, and February 22, 1908. Candidates may present other selections from those lists provided they notify the Registrar, on or before the first day of February preceding the examination, of the substitutions they wish to make.

FRENCH

The admission requirements in elementary and advanced French are those recommended by the Modern Language Association of America. See page 70 for college courses which correspond to the work prescribed for preparation.

I. ELEMENTARY FRENCH

The first year's work should comprise: (1) careful drill in pronunciation; (2) the rudiments of grammar, including the inflection of the regular and the more common irregular verbs, the plural of nouns, the inflection of adjectives, participles, and pronouns; the use of personal pronouns, common adverbs, prepositions, and conjunctions; order of words in the sentence, and elementary rules of syntax; (3) abundant easy exercises, designed not only to fix in memory the forms and principles of grammar, but also to cultivate readiness in reproducing natural forms of expression; (4) the reading of 100 to 175 duodecimo pages of graduated texts, with constant practice in translating into French easy variations of the sentences read (the teacher giving the English, and in reproducing from memory sentences previously read; (5) writing French from dictation.

The second year's work should comprise: (1) the reading of 250 to 400 pages of easy modern prose in the form of stories, plays, or historical or biographic sketches; (2) constant practice, as in the previous year, in translating into French easy variations upon the texts read; (3) frequent abstracts, sometimes oral and sometimes written, of portions of the text already read; (4) writing French from dictation; (5) continued drill upon the rudiments of grammar, with constant application in the construction of sentences; (6) mastery of the forms and use of pronouns, pronominal adjectives, of all but the rare irregular verb forms, and of the simpler uses of the conditional and subjunctive.

Suitable texts for the second year are: About, *Le Roi des Montagnes*; Bruno, *Le Tour de la France*; Daudet's easier short tales; Bedollière, *La Mère Michel et son Chat*; Erckmann-Chatrian's stories; Foa, *Contes Biographiques* and *Le petit Robinson de Paris*; Foncin, *Le Pays de France*; Labiche and Martin, *La Poudre aux Yeux* and *Le Voyage de M. Perri-*

chon; Legouvé and Labiche, *La Cigale chez les Fourmis*; Malot, *Sans Famille*; Mairiel, *La Tâche du petit Pierre*; Mérimée, *Colomba*; extracts from Michelet; Sarcey, *Le Siège de Paris*; Verne's stories.

II. ADVANCED FRENCH

The work should comprise the reading of 400 to 600 pages of French of ordinary difficulty, a portion to be in the dramatic form; constant practice in giving French paraphrases, abstracts or reproductions from memory of selected portions of the matter read; the study of a grammar of moderate completeness; writing from dictation.

Suitable texts are: About's stories; Augier and Sandeau, *Le Gendre de M. Poirier*; Béranger's poems; Corneille, *Le Cid* and *Horace*; Coppée's poems; Daudet, *La Belle-Nivernaise*; La Brète, *Mon Oncle et mon Curé*; Madame de Sévigné's letters; Hugo, *Hernani* and *La Chute*; Labiche's plays; Loti, *Pêcheur d'Islande*; Mignet's historical writings; Molière, *L'Avare* and *Le Bourgeois Gentilhomme*; Racine, *Athalie*, *Andromaque*, and *Esther*; George Sand's plays and stories; Sandeau, *Mademoiselle de la Seiglière*; Scribe's plays; Thierry, *Récits des Temps Mérovingiens*; Thiers, *L'Expédition de Bonaparte en Égypte*; Vigny, *La Canne de Jonc*; Voltaire's historical writings.

GERMAN

The admission requirements in elementary and advanced German are those recommended by the Modern Language Association of America.

See page 69 for college courses which correspond to the work prescribed for preparation.

I. ELEMENTARY GERMAN

The first year's work should comprise: (1) careful drill in pronunciation; (2) memorizing and frequent repetition of easy colloquial sentences; (3) drill in the rudiments of grammar, that is, in the inflection of the articles, of such nouns as belong to the language of everyday life, of adjectives, pronouns, weak verbs, and the more usual strong verbs; also in the use of the more common prepositions, the simpler uses of the modal auxiliaries, and the elementary rules of syntax and

word order; (4) abundant easy exercises designed not only to fix in mind the forms and principles of grammar, but also to cultivate readiness in reproducing natural forms of expression; (5) the reading of 75 to 100 pages of graduated texts from a reader, with constant practice in translating into German easy variations upon sentences selected from the reading lesson (the teacher giving the English), and in reproducing from memory sentences previously read.

The second year's work should comprise: (1) the reading of 150 to 200 pages of literature in the form of easy stories and plays; (2) accompanying practice, as before, in translating into German easy variations upon the matter read, also in the off-hand reproduction, sometimes orally and sometimes in writing, of the substance of short and easy selected passages; (3) continued drill in the rudiments of grammar, to enable the pupil, first, to use his knowledge with facility in forming sentences, and secondly, to state his knowledge correctly in the technical language of grammar.

Stories suitable for the elementary course can be selected from the following list: Andersen, *Märchen* and *Bilderbuch ohne Bilder*; Arnold, *Fritz auf Ferien*; Baumbach, *Die Nonna* and *Der Schwiegersohn*; Gerstäcker, *Germelshausen*; Heyse, *L'Arrabbiata*, *Das Mädchen von Treppi*, and *Anfang und Ende*; Hillern, *Höher als die Kirche*; Jensen, *Die braune Erica*; Leander, *Träumereien* and *Kleine Geschichten*; Seidel, *Märchen*, *Stökl*, *Unter dem Christbaum*; Storm, *Immensee* and *Geschichten aus der Tonne*; Zschokke, *Der zerbrochene Krug*.

The best shorter plays available are: Benedix, *Der Prozess*, *Der Weiberfeind*, and *Günstige Vorzeichen*; Elz, *Er ist nicht eifersüchtig*; Wichert, *An der Majorsecke*; Wilhelmi, *Einer muss heiraten*. Only one of these plays need be read, and the narrative style should predominate. A good selection of reading matter for the second year would be Andersen, *Märchen*, or *Bilderbuch*, or Leander, *Träumereien*, to the extent of about forty pages. Afterward, such a story as *Das kalte Herz*, or *Der zerbrochene Krug*; then *Höher als die Kirche*, or *Immensee*; next a good story by Heyse, Baumbach, or Seidel; lastly *Der Prozess*.

II. ADVANCED GERMAN

The work should comprise, in addition to the elementary course, the reading of about 400 pages of moderately difficult prose and poetry, with constant practice in giving, sometimes orally and sometimes in writing, paraphrases, abstracts, or reproductions from memory of selected portions of the matter read; also grammatical drill in the less usual strong verbs, the use of articles, cases, auxiliaries of all kinds, tenses and modes (with especial reference to the infinitive and subjunctive), and likewise in word order and word formation.

Suitable reading matter for the third year can be selected from such works as the following: Ebner-Eschenbach, *Die Freiherren von Gemperlein*; Freytag, *Die Journalisten* and *Bilder aus der deutschen Vergangenheit*, for example, *Karl der Grosse*, *Aus den Kreuzzügen*, *Doktor Luther*, *Aus dem Staat Friedrichs des Grossen*; Fouqué, *Undine*; Gerstäcker, *Irrfahrten*; Goethe, *Hermann und Dorothea* and *Iphigenie*; Heine's poems and *Reisebilder*; Hoffman, *Historische Erzählungen*; Lessing, *Minna von Barnhelm*; Meyer, *Gustav Adolfs Page*; Moser, *Der Bibliothekar*; Riehl, *Novellen*, for example, *Burg Neideck*, *Der Fluch der Schönheit*, *Der stumme Ratsherr*, *Das Spielmannskind*; Rosegger, *Waldheimat*; Schiller, *Der Neffe als Onkel*, *Der Geisterseher*, *Wilhelm Tell*, *Die Jungfrau von Orleans*, *Das Lied von der Glocke*, *Balladen*; Scheffel, *Der Trompeter von Säckingen*; Uhland's poems; Wildenbruch, *Das edle Blut*. A good selection would be: (1) one of Riehl's novelettes; (2) one of Freytag's "pictures"; (3) part of *Undine* or *Der Geisterseher*; (4) a short course of reading in lyrics and ballads; (5) a classical play by Schiller, Lessing, or Goethe.

HISTORY

(Including Historical Geography)

HISTORY I (ANCIENT)

- (a) The history of Greece to the death of Alexander.
- (b) The history of Rome to the Invasions.

Ancient History as defined by the College Entrance Examination Board, extending to 814 A.D., is accepted as an equivalent of (a) and (b).

HISTORY II (ENGLISH AND AMERICAN)

- (a) The history of England.
- (b) The history of the United States.

The examination in each of the two fields (History I and History II) presupposes a systematic course of study of at least one hundred exercises. Schools which do not offer so extensive a course in Ancient History may meet the requirement by combining with Ancient History Mediæval and Modern European History.

PHYSICS

A course extending through one year, involving both class exercises and laboratory work. The class work should include careful study of the whole subject as presented in some good text-book of high school grade. The candidate should perform not less than thirty-five experiments requiring careful measurements. When the candidate applies for admission, his note-book containing the original records of these experiments and his reports on the work should be presented, properly certified by the instructor.

CHEMISTRY

The examination will include illustrations from any of the following topics in non-metallic chemistry:

Properties of the principal acid-forming elements and their compounds; simple problems on relations by weight; relations between gas-volumes and the weights of chemically related solids; acids, bases and salts; formation of acids and bases from their salts; valence; series of oxy-acids and their salts; oxidation and reduction; acid anhydrides; hydrated and poly-acids.

PHYSIOGRAPHY

Dryer's *Physical Geography* or Davis's *Elementary Physical Geography*, with laboratory work and excursions for observations of land features. Note-book and laboratory records endorsed by the teacher must be submitted.

PHYSIOLOGY

The candidate should complete a course of recitation and laboratory work of not less than forty hours, including the study of the structure of the principal organs of the human body, and especially their working. The emphasis should be placed on function. An elementary knowledge of personal hygiene as the practical application of this science is required.

The following text-books are recommended: Hough and Sedgwick's *The Human Mechanism*, Martin's *The Human Body* (elementary course), Fitts' *Human Physiology*, Eddy's *Physiology*.

BIOLOGY

A course of recitations and laboratory exercises occupying five hours a week, though not less than a half year; the course to include an outline of the animal kingdom, together with the classification, habits, and economic importance of the animals in the various divisions. The laboratory drawing and note-book, properly certified, should be presented at the examination. The New York State Regents' recommendation for Elementary Zoology in their Syllabus for Secondary Schools is the standard.

BOTANY

The candidate should complete a course of recitation and laboratory work of not less than five hours a week for one half of a school year. The class work should cover the structure and important physiological processes of flowering plants. The candidate should present a laboratory book properly certified by the instructor. No credit will be given for an herbarium. The following text-books are recommended: Bergen's *Foundations of Botany*, Coulter's *Plant Relations and Plant Structures*, Leavitt's *Outlines of Botany*, Stevens's *Introduction to Botany*.

HARMONY

The candidate should acquire: (1) the ability to harmonize in four vocal parts simple melodies of not fewer than eight measures, in soprano or in bass. The harmonization of such melodies requires a knowledge of triads and inversions, of diatonic seventh chords and their inversions, in major and minor modes, and of modulation, transient or complete,

to nearly related keys. (2) A knowledge of analysis of ninth chords, of all non-harmonic tones, and of altered chords.

Systematic ear-training (as to interval, melody, and chord) is urgently recommended as part of the preparation for this examination. A full knowledge of the rudiments of music, — scales, intervals, and staff notation, is expected.

TIME, PLACES, AND ORDER OF EXAMINATIONS

On recommendation by the Principal of their school, candidates are allowed to take examinations in any of the subjects required for admission. The candidate may, at his option, take his examinations in two parts, preliminary and final, thus dividing his subjects between two years or between June and September of the same year. Credits given for preliminary examinations are valid for one year only. Candidates are advised to reserve for their final examinations the following subjects: Homer, Vergil, Greek and Latin prose composition, algebra or geometry, and English B.

The first examinations begin at 2 P.M. on Tuesday (June 22, 1909), and close on Friday of the week preceding Commencement. The result of these examinations is sent to the candidates by mail, within two weeks after the examinations are held. Credits for successful work are valid for one year only.

The second examinations for admission begin at 2 P.M. on the last Monday of the summer vacation (September 20, 1909), and close on the following Thursday. These regular examinations for admission to the College are held in Room 5, Walker Hall, at Amherst, and all candidates should present themselves promptly at the hour assigned for registration.

A fee of five dollars is charged for examinations whether taken at Amherst or elsewhere. Credit will be given for this amount on the first term-bill due after the student's entrance to college.

Examination papers will be sent, free of charge, to any pre-

paratory school of good standing, where there are candidates for admission, provided its principal will conduct the examinations simultaneously with those at Amherst, without expense to the College, and will collect the examination fee. Applications for examinations elsewhere than at Amherst should be made to the Registrar not later than June 1.

The order of examinations, in both June and September, is as follows: —

FIRST DAY

A.M.	P.M.
8.45-9.00 Registration	2.00-2.15 Registration
9.00-10.30 Elementary Greek	2.15-3.45 Plane Geometry, Solid Geometry
10.45-12.15 Advanced Greek	4.00-5.30 Elementary Algebra, Advanced Algebra

SECOND DAY

A.M.	P.M.
8.30-10.00 Elementary Latin	2.00-3.30 English A
10.15-11.45 Advanced Latin	English B
	3.45-4.45 American and English History
	4.45-5.45 Greek and Roman History

THIRD DAY

A.M.	P.M.
8.30-10.00 Elementary French	2.00-3.30 Elementary German
10.15-11.45 Advanced French	3.45-5.15 Advanced German

FOURTH DAY

A.M.	P.M.
8.00-9.30 Chemistry	2.00-3.30 Anatomy, Biology, Botany, Harmony, Physiography
9.45-11.15 Physics	3.45-5.15 Trigonometry

For Porter Admission Prize see page 116.

ADMISSION ON CERTIFICATE

From certain preparatory schools of approved standing, certificates of fitness to enter College are received in place of entrance examinations; but such certificates must be filled out in detail in accordance with forms printed by the College and furnished to principals of such schools upon application to the Registrar.

In order to meet the full requirements in these subjects, certificates in Greek and Latin must specify that the candidate has pursued a systematic course of study, not less than five hours a week, during three school years for Greek and four for Latin. In elementary algebra and plane geometry no certificate will be accepted for work that has not been pursued or reviewed within the two years preceding the date of the student's admission to College. No certificate will be accepted for work in solid geometry, advanced algebra, and plane trigonometry. Beginning in June, 1910, no certificate will be accepted for work in French and German. In general the amount of work required in each subject is indicated in the detailed description already given under subjects for examination.

Certificates will be received from those schools in New England which have been approved by the New England College Entrance Certificate Board. Principals of schools in New England who desire the certificate privilege should address the Secretary of the Board, Professor Nathaniel F. Davis, 159 Brown Street, Providence, Rhode Island.

Certificates are received from those schools outside of New England which have been approved by this college. In determining the eligibility of these schools to the certificate privilege the College follows in general the method of the New England Board. From schools which for four consecutive years have sent no students to this college the certificate privilege is withdrawn unless exception is made by the Faculty.

ADMISSION ON CERTIFICATE OF EXAMINATIONS

The pass-cards, certificates, and diplomas given by the Regents of the University of the State of New York are accepted in place of entrance examinations in subjects which they cover. It is to be noted, however, that in Greek, in addition to their requirements, an examination must be taken upon the fourth book of the *Anabasis*, and the translation of Greek at sight, and that in Mathematics such certificates are accepted only so far as they cover the requirements of Amherst College, stated on page 49.

Certificates of the College Entrance Examination Board are accepted. In 1909 the examinations of this board will be held June 14-19. All applications for such examination must be received by the Secretary of the College Entrance Examination Board, Post Office Sub-Station 84, New York, N. Y., on or before Monday, May 31, 1909, and must be made upon a blank form to be obtained from the Secretary of the Board upon application.

Certificates of the New York State Examinations Board are accepted.

CONDITIONS

A candidate may be admitted even if he has some deficiencies in the studies required; but no student is allowed to remain in College over two years with an entrance condition. The precise number of deficiencies allowed is not specified, but each case is considered on its merits.

ADMISSION TO ADVANCED STANDING

No student is admitted to advanced standing later than the beginning of Senior year.

Candidates for advanced standing are examined in the studies

that have been pursued by the class they wish to enter; also in the requirements for admission to College. A student from another college should present a letter of honorable dismissal, together with a detailed certified statement of the work done by him in each department of study at the college from which he comes. Credit is given for all such work, if certified by a college of acknowledged standing. For the particular books in Greek, Latin, or modern languages studied by each class, and indicated in this catalogue, equivalent amounts may be offered from other books in the same language; but prose will not be accepted for poetry. For examinations for advanced standing a fee of three dollars is charged in each subject.

Courses of Instruction

ALL courses are assigned three hours each week, except Mathematics 1 and 2, which are four-hour courses. In numbering of courses an odd numeral denotes the first semester, an even numeral the second semester.

Every student is required to take five courses in each semester of Freshman, Sophomore, and Junior years. During Senior year ten semester courses must be taken, one of which may be Debates, and at least four of the ten courses shall be completed in the last semester. No student is allowed to take more than six courses in a semester. For courses open to the several classes, see page 85.

Candidates for the degree of Bachelor of Science shall complete second year German, and second year French, Italian, or Spanish, and, in addition to the studies of Freshman year, thirty semester courses, twelve of which are to be chosen from sciences, mathematics, or economics. Sciences taken in Freshman year are included in the twelve courses. Not more than two courses in economics may be reckoned in the twelve courses.

Credits for subjects previously taken may not be used to reduce the number of courses required in any semester, nor as substitutes for delinquencies subsequently incurred.

The requirement of ten semester courses instead of nine in Senior year, and of forty courses instead of thirty-nine for graduation, goes into effect with the class of 1911.

STUDIES OF FRESHMAN YEAR

In Freshman year all students are required to take mathematics and English both semesters, hygiene one semester, and declamation one semester.

Those who present for admission both Latin and Greek, are required to study those languages the first year, unless they have presented, in addition to Latin and Greek, a modern language, elementary and advanced, in which case they may elect that language the first year instead of one of the ancient languages. In either case they must choose in addition one study from the list of Freshman electives given below.

Those who present for admission only one ancient language, Latin I and II or Greek I and II, are required to study that language the first year and also a modern language, together with one other study from the list of Freshman electives given below.

Candidates for the degree of B.S. who are not credited with Latin II or Greek II are required to take two modern languages, one of which must be German, and in addition one other study from the list of Freshman electives; but those who have presented both Latin I and II may become candidates for B.A. by taking the Latin of Freshman year, which may be chosen in place of one of the two modern languages otherwise required.

The Latin of Freshman year may be taken only by those students who have completed both Latin I and II.

Freshmen who have credits in required studies may elect in place of them courses offered to the Sophomore class.

FRESHMAN ELECTIVES

Modern Languages

Physics

Chemistry

Physiology

Descriptive Geometry

American Literature

STUDIES OF SOPHOMORE, JUNIOR AND SENIOR YEARS

All courses after Freshman year are elective except declamation in Sophomore year. Choices are made for the semester and may be changed only by permission of the Administration Committee. No change of elective will be allowed later than the fourth week of the semester.

Choice of electives for the first semester must be made on or before the Tuesday preceding the beginning of the college year, and for the second semester, five days before the beginning of the semester. When choices are not made by the specified time, and also when electives are changed, a fee of two dollars is imposed.

STUDIES OF SPECIAL STUDENTS

Special students shall take as many courses as are taken by regular students. The first year they shall study the modern language in which they are prepared, and the required studies of Freshman year for which they are prepared except such subjects as they have already taken. Other studies may be chosen from Biology, Chemistry, Physics, Modern Languages, and History. After the first year all studies are elective.

EXTRA COURSES

A student who has an average of not less than 70 in the previous semester, and has not failed in any course in that semester, may elect six courses. In all other cases extra courses may be taken only with the approval of the Administration Committee.

Petitions for such courses shall be made on blanks furnished by the Registrar's office. The student shall indicate on his schedule the course which is extra. After two weeks the Registrar may not change an extra course to a regular course without the consent of the Administration Committee. Credit is not

given for an extra course, unless it is taken as a substitute for a previous delinquency or to enable the student to graduate in less than four years. Credits for extra courses may not be substituted for delinquencies subsequently incurred. A student who has failed to complete the required number of studies in any semester is not permitted to take an extra course in the following semester, unless exception is made by the Administration Committee.

Public speaking in the first semester of Junior year may not be taken as an extra course.

Credit for one semester course is given for every four semesters' rehearsal and concert work in the music department.

PHILOSOPHY

PROFESSOR NEWLIN

1. Psychology and pedagogics.
Psychology (experimental, animal, morbid); mental evolution; pedagogics and educational psychology.
2. Psychology and sociology.
Psychology continued; introduction to philosophy; epistemology; outline of sociology; metaphysics of ethics.
3. Ethics and history of philosophy.
Political obligations; objective ethics; æsthetics; outline history of philosophy; philosophy of religion.

HISTORY

PROFESSORS GALLINGER AND F. L. THOMPSON

1. General European history during the Middle Ages, 375-1453, preceded by a brief review of ancient history.
2. General European history from the close of the Middle Ages to the end of the Thirty Years' War, 1453-1648. A continuation of course 1.

PROFESSOR GALLINGER

3. English history to 1660.
4. English history since 1660.

In courses 3 and 4 special attention is given to economic conditions and to the development of the English constitution.

5. The Renaissance. *Omitted in 1908-1909.*

This course includes the political development of the principal Italian states from 1300 to 1500, the new learning, literature, and art of the period, economic change and the discovery of new lands. On certain aspects of the movement lectures will be given by instructors from other departments. In 1907-1908 the lectures given by these instructors were as follows: two by Professor Smith on the classical renaissance, six by Professor Baxter on the literature and art of the Italian renaissance, two by Professor Erskine on the influence of the Italian renaissance on English literature, two by Professor Hopkins on alchemy and the development of chemistry, one by Professor Crook on economic conditions and the rise of banking, and one by Professor Todd on Copernicus.

6. The Colonial Era of American history, 1492-1763. *Omitted in 1908-1909.*

Courses 5 and 6 are given alternate years with 3 and 4.

PROFESSOR F. L. THOMPSON

7. European history from the Peace of Westphalia to the beginning of the French revolution, 1648-1789.
8. European history, 1789-1870.
9. Political and constitutional history of the United States to the election of Jackson, 1765-1828.
10. Political and constitutional history of the United States since the election of Jackson.

ECONOMICS

PROFESSORS CROOK AND HANCOCK

1. Outlines of Economics. Seligman's *Principles of Economics*; Nearing and Watson's *Economics*; Bullock's *Selected Readings in Economics*.

PROFESSOR CROOK

2. Socialism and Social Problems. Spargo's *Socialism*; also the writings of the four groups of social reformers are studied: the Utopists, the Moral and Ethical group, the Socialist group, and the Fabians.

PROFESSOR HANCOCK

4. Transportation. Johnson's *American Railway Transportation*; Ripley's *Railway Problems*; Report of the Industrial Commission.

6. Public Finance. Adams, *The Science of Finance*; Bullock's *Selected Readings in Public Finance*.

11. Economic History of England. Ely, *Evolution of Industrial Society*; Cheney, *Social and Industrial History of England*.

12. Economic History of the United States. Continuation of 11. Ely's *Evolution of Industrial Society*; Bogart's *Economic History of the United States*; assigned readings and reports.

PROFESSOR CROOK

13. Sociology. Fairbanks's *Introduction to Sociology*; Ross's *Social Psychology*; selected readings.

PROFESSOR HANCOCK

15. Money and Banking. Scott's *Money and Banking*; selected readings and reports.

PROFESSOR CROOK

17. Advanced Economic Theory. Assigned readings in the English Classical Economists, and the works of the Austrian, Italian, and American writers.

18. Advanced Economic Theory. Course 17 continued.

Courses 1, 11, and 12 are open to all Juniors and Seniors; courses 2, 4, and 6 are open to Juniors and Seniors who have had Economics 1; and courses 13, 15, 17, and 18 are open only to Seniors who have had Economics 1.

The department conducts a seminar once each week during the winter months, to which those are admitted who have attained high standing in Economics 1.

MODERN GOVERNMENT AND INTERNATIONAL LAW

PROFESSOR GROSVENOR

2. Fundamentals of international law; definitions; the state; attributes of a state; government; object and test of government; influence of original theories, of time and of circumstances; governments as single or federal, as monarchic, aristocratic or democratic, as constitutional or arbitrary.

3. Existing governments, national, municipal, and local, in the states of Europe and America, and in Japan, China, India, and Australia. (2 requisite.)

4. The rights of states; international intercourse; relations of states at war; belligerents and neutrals; history, progress, and future of international law. (2 and 3 requisite.)

Under the governmental systems of different states their constitutions, administrative methods, and fundamental political ideas are discussed. The physical, ethical, and religious condition of peoples is investigated to ascertain the influence of such conditions upon their political life. Attention is paid to special topics of contemporaneous interest. During each semester at least one thesis and two discussions will be presented by each

student upon subjects assigned. Grosvenor's *Contemporary History*. Wilson's *The State*. Lawrence's *International Law*.

BIBLICAL LITERATURE

PROFESSOR GENUNG

1. Foundations; the formative centuries, to the time of the literary prophets.
2. Prophecy and other literature to the Babylonian exile.
3. Post-exilic literature; coming of the Son of Man.
4. Literature of the apostolic era.

GREEK

PROFESSOR ELWELL

A. Course for students beginning Greek. *Anabasis*, *Iliad*, and prose composition; four hours a week through the year.

This course is given to three or more students, on application.

1. Lysias; oral and written exercises in Greek composition based on the text.
2. Homer, *Odyssey*.

PROFESSOR SMITH

3. Greek drama. Sophocles, *King Œdipus*; Euripides, *Troades*; selected dramas; lectures on the development of tragedy and the theatre; study of other selected dramas in an English translation.
4. Plato, *Apology* and *Crito*; Xenophon, *Memorabilia*; lectures and reading on the life and influence of Socrates.
5. The later Greek poets; Theocritus, Bion, Moschus; the Greek Anthology. *Omitted in 1908-1909.*
6. Lucian; selections; the Greek romance. *Omitted in 1908-1909.*
7. Epic poetry; Homer, *The Iliad*, rapid reading; Apollonius

Rhodius, *Argonautica III*; lectures and reports on the history and criticism of the Homeric poems.

8. Aristophanes, *Birds*, with lectures on the development of comedy; Æschylus, *Agamemnon*, with a study of the other plays of the Orestes trilogy in an English translation.

Courses 5, 6 are given alternate years with 7, 8.

PROFESSOR ELWELL

9. The New Testament; the Gospel according to Luke and the Acts of the Apostles, with some account of early versions of the Bible and the history of Christian Greek Literature.

PROFESSOR SMITH

10. Greek Literature; Philosophy; lectures on the various schools; study of selected works in an English translation, with reports on special topics.

Knowledge of the Greek language not required.

PROFESSOR ELWELL

12. History and development of the Fable in literature.

Knowledge of the Greek language required after this year.
Ability to read Latin and French required.

LATIN

DR. HOUGHTON AND DR. CHAMBERLAYNE

1. Cicero, *De Senectute*, or *De Amicitia*; discussion of Latin style; collateral reading on the life and times of Cicero. Livy, Book I or Book II, or selections; lectures on Rome and Carthage; collateral reading on the Punic wars; sight reading; prose composition based upon the text read.

2. Horace, *Odes*, *Epodes*, and *Satires*; study of the Horatian metres; collateral reading on Horace as a lyric poet.

PROFESSOR COWLES

3. Tacitus, *Agricola* and *Germania*. Selections from the *Letters* of Pliny the Younger. A study of the times in relation to the literature of this period; characteristics of the Silver Age Latinity. Illustrated lectures on Roman life and monuments.

4. Selections from Cicero's *Letters*. Selections from Catullus and other Roman poets. History of Latin literature.

5. The Latin drama; a tragedy of Seneca and two comedies of Plautus or Terence, with lectures on the Roman theatre, the origin and development of the Latin drama and its influence on later writers. In the tragedy, especial attention will be given to the dramatic form, character-drawing, diction and style; in the comedies, to the vocabulary, ante-classical forms, constructions, and the value of Roman comedy to the philologist and to the student of Roman life.

6. The works of Vergil with especial reference to their literary qualities, and the poet's influence on subsequent literature; or, Roman Satire, Horace, Persius and Juvenal.

DR. HOUGHTON

7. Roman Philosophy: Lucretius, *De Rerum Natura*, Books I-III, or selections; study of the philosophical, ethical, and poetical elements of the poem; Cicero, *Tusculanæ Disputationes*.

8. Roman Epigraphy; study of early Latin inscriptions for their linguistic and historical value; lectures, and interpretation of facsimiles; or selections from the *Histories* of Tacitus.

DR. CHAMBERLAYNE

9. Advanced Latin Composition, based on Cicero (two hours a week); Cicero, *Pro Milone*, or Quintilian, *De Institutione Oratoria*, Book x (one hour a week).

10. Roman Law; Justinian, *Institutes*; the history of Roman Jurisprudence.

PROFESSOR COWLES, DR. HOUGHTON, AND DR. CHAMBERLAYNE

12. Normal course for students intending to teach Latin.

GERMAN

PROFESSORS EASTMAN AND MANTHEY-ZORN

1. Elementary course; grammar, pronunciation, composition, colloquial exercises.

2. Continuation of 1; composition, syntax, translation from prose selections.

3. Prose composition, with review of grammar; reading of modern prose.

4. Schiller and Goethe; a representative work of each author; composition and free reproduction.

5. The German drama of the nineteenth century; Grillparzer, Hebbel; lectures and essays.

6. Goethe, *Faust*; lectures on the history of the Faust legend; Goethe's life; essays.

PROFESSOR EASTMAN

7, 8. The German novel of the nineteenth century. *Omitted in 1908-1909.*

Open to students of high rank.

PROFESSOR MANTHEY-ZORN

9. Modern German Drama.

10. German lyrics of the nineteenth century.

Open to students of high rank.

Courses 7, 8 are given alternate years with 9, 10.

PROFESSOR EASTMAN

11. Middle High German; grammar; reading of selections from the *Nibelungenlied*.

12. Middle High German; Walther von der Vogelweide and other Minnesingers.

Two semesters in addition to 5 and 6 requisite.

ROMANCE LANGUAGES

FRENCH

PROFESSORS LANCASTER AND GALPIN AND MR. AUSTIN

1, 2. Elementary course: pronunciation, grammar (composition), translation.

3, 4. Advanced course: rapid reading, syntax, composition and conversation.

PROFESSOR LANCASTER

5. Tragedy.

6. Molière's comedies.

PROFESSOR GALPIN

7, 8. The Novel.

5 and 6 requisite.

PROFESSOR LANCASTER

9. Drama of the eighteenth and nineteenth centuries.

10. Essayists and letter-writers.

Courses 9 and 10 are conducted in French; 5, 6, 7, and 8 requisite.

11, 12. Old French.

Given on application of three or more students who have completed 9, 10.

ITALIAN

MR. AUSTIN

1, 2. Pronunciation, grammar, translation. Stories by De Amicis, Castelnovo, Farina, Verga, Fucini, and Serao; Manzoni, *I Promessi Sposi*.

3, 4. Reading, composition, and lectures on the history of Italian literature. Works of Fogazzaro and Capuana.

5, 6. Dante, *Vita Nuova*, *Divina Commedia* (*Inferno*); selected tales from Boccaccio, *Decamerone* (Fornaciari); Ariosto, *Orlando Furioso*. *Omitted in 1908-1909.*

Courses 5, 6 are given alternate years with 3, 4.

SPANISH

PROFESSOR GALPIN

1, 2. Pronunciation, grammar, translation, conversation.

3. The modern novel.

4. The novel of the sixteenth and seventeenth centuries; reading of *Lazarillo de Tormes* and selections from *Don Quijote*.

5, 6. The drama. *Omitted in 1908-1909.*

Courses 5, 6 are given alternate years with 3, 4.

ENGLISH

PROFESSOR ERSKINE, DR. UTTER, AND MR. HALLER

1. Composition; exposition; weekly themes and consultations; reading in standard authors.

2. Continuation of 1; description and narration.

DR. UTTER

4. American Literature.

PROFESSOR ERSKINE

5. General introduction to English literature, 1798-1892; themes and consultations.
6. Continuation of 5.

PROFESSOR GENUNG

7. English literature of the Victorian age; essayists and critics; lectures, readings, discussions. *Omitted in 1908-1909.*
8. Continuation of 7; the Victorian poets. *Omitted in 1908-1909.*

PROFESSOR CHURCHILL

9. The Drama as a species of art, its aims, principles, and methods; Greek, Roman, French, German, and English dramas as examples and illustrations.
10. The English Drama; rise and development; works of the predecessors of Shakspeare; plays of Shakspeare.
11. Prose Fiction as a species of art, its aims, principles, and methods; the novel and the short story; ancient and modern examples. *Omitted in 1908-1909.*
12. English and American Prose Fiction. Rise and development of the novel and of the short story in England and America. *Omitted in 1908-1909.*

DR. UTTER

13. English prose literature, 1700-1750, with special reference to the beginnings of the English novel; themes and conferences.
14. English prose literature, 1750-1800; themes and conferences; continuation of 13.

PROFESSOR ERSKINE

15. Elizabethan non-dramatic literature, 1557-1604.
16. English literature, 1604-1700,

17. Advanced composition.

Open, with the permission of the instructor, to Seniors and to specially qualified Juniors.

18. Continuation of 17.

PROFESSOR CHURCHILL

19. Critical study of English poets: Pope, Cowper, Burns, Byron, Shelley, Wordsworth.

20. Continuation of 19.

For English 19 and 20, two courses chosen from 9 to 16 are requisite as precedent or parallel courses.

21. Old English (Anglo-Saxon). Cook-Sievers's *Grammar of Old English*; Sweet's *Anglo-Saxon Primer*; Bright's *Anglo-Saxon Reader*; *Beowulf*; lectures on the origin and development of Old English. *Omitted in 1908-1909.*

22. Old English Poetry; *Beowulf* continued; Middle English, especially Chaucer; *Prologue to the Canterbury Tales*; lectures on the history of Middle English, and its development into Modern English; Sweet's *Second Middle English Primer*. *Omitted in 1908-1909.*

23. Old English Literature.

This course is given alternate years with the linguistic course 21, and is devoted to the literature of the period. Knowledge of Anglo-Saxon not required.

24. Middle English Literature.

This course is given alternate years with 22. Special attention is paid to the Middle English lyrics, *Piers Plowman*, the Arthurian tales, the Mystery plays, Chaucer. Knowledge of Middle English not required.

PUBLIC SPEAKING

PROFESSOR CORSA

2. Oral interpretation; declamations, one-hour course; individual training.

Required of all Freshmen.

MR. HALLER.

3. Oral interpretation; declamations, one-hour course; individual training.

Required of all Sophomores.

PROFESSOR CORSA

5. Lectures; examples for praxis; oral interpretation; orations; argumentation in debates; discussions; speeches.

7. Debates on social, economic, historical, and political questions.

This is a one-hour course continuing till the end of the winter term. Any elective course may be taken in place of debates the first semester of Senior year with credit of a one-hour course. All students electing course 9 who have not previously taken course 7 must enter the course on or before October 3.

The department also furnishes individual training of contestants for the Freshman and Sophomore Kellogg prizes and for the Hyde and Bond prizes in the Spring term.

ART

PROFESSOR SMITH

1. Greek Art. Sculpture and architecture, introduced by a brief study of the nature and functions of art. Lectures illustrated by photographs, casts, and lantern slides. Collateral reading, with reports on assigned topics.

PROFESSOR BAXTER

2. Roman and Italian Art. (a) Roman architecture; Italian architecture, including early Christian, Byzantine, Romanesque, Gothic, and Renaissance. (b) Italian sculpture; five lectures. (c) Italian painting of the Renaissance; twenty-five lectures. All lectures illustrated by stereopticon. Collateral reading and study of photographs. *Omitted in 1908-1909.*

MUSIC

MR. SLEEPER

1. Elements of music; history of the scales; sight-reading; elementary harmony; chord analysis; choral and orchestral work.

2. Chord analysis; sight-reading and harmony continued; history of music; study of forms; choral and orchestral work. (1 requisite.)

3, 4. History of music continued; form analysis; musical literature; choral and orchestral work. (1, 2 requisite.)

Pianos and a large Æolian Orchestrelle are placed at the disposal of all students taking these courses.

Chorus and Orchestra.

Students not electing the courses outlined above may, if qualified, become members of the chorus or orchestra, and receive credit as follows: four semesters of such work is credited as a semester course; less than two consecutive semesters is not counted. The time required for rehearsals and concerts averages three hours per week.

MATHEMATICS

PROFESSORS OLDS AND ESTY, MR. PARKER AND MR. COBB

1. Solid and spherical geometry; algebra, including logarithms, graphs, complex numbers, and a brief introduction to the theory of equations.

2. Algebra continued, including choice, chance, determinants, derivatives, and the binomial theorem; plane trigonometry.

3. Descriptive geometry.

4. Descriptive geometry; continuation of 3.

Designed primarily for students who are preparing to enter schools of technology.

5. Plane analytic geometry.

6. Differential and integral calculus.

7. Calculus continued, and introduction to analytic geometry of three dimensions.

8. Analytic mechanics; vector methods introduced.

9. Differential equations, ordinary and partial, with their applications; vector methods continued.

10. Advanced analytic geometry and advanced integral calculus.

12. Introduction to the theory of functions.

Course 12 is given alternate years with Course 10.

14. Mechanical drawing.

Course 14 is given alternate years with Course 4.

PHYSICS

PROFESSORS KIMBALL AND J. O. THOMPSON AND MR. FULCHER

1. Elementary mechanics; equilibrium and motion of solids, liquids, and gases, capillarity and molecular forces; heat; electricity and magnetism.

2. Electricity and magnetism continued; sound and light.

3. A course in electric and magnetic measurements and in heat.
(1 and 2 requisite.)

4. Heat and elementary thermodynamics and physical optics, with especial reference to interference, diffraction, and polarization, and the optical properties of crystals.

5. Some problems in optics; electromagnetic theory of light

and electric waves; discharge of electricity through gases; radioactivity. (Mathematics 5 and 6 requisite.)

6. Dynamo-electric machinery, with especial reference to alternating currents of electricity. (Mathematics 5 and 6 requisite.)

ASTRONOMY AND NAVIGATION

PROFESSOR TODD

1. General and descriptive astronomy and astrophysics. Todd's *New Astronomy*; lectures upon the history of geodesy and astronomy. Observations with telescopes and other apparatus, as laboratory practice. Determinations of time. (Physics 2 requisite.)

2. Practical astronomy and astrophysics (Campbell, Souchon, Frost); *Theoretical Astronomy* (Watson); *Introduction to Celestial Mechanics* (Moulton); *Investigation of the orbit of Uranus*; observatory work with equatorial, transit, and spectroscope. (Mathematics 1, 2, 5, and 6 and Astronomy 1 requisite.)

This course includes the theory of the construction, adjustment, and use of the principal instruments of the astronomical observatory, and each student makes observations with these instruments, and completely calculates, or reduces them. Also the theory of practical computation, the construction of tables of the motions of the heavenly bodies, and of the *Astronomica Ephemeris* and *Nautical Almanac*.

4. History of navigation; naval architecture; instruments of navigation; compass errors and their correction; finding the ship's position; great circle sailing; sextant practice. (Mathematics 1, 2 and Astronomy 1 requisite.)

CHEMISTRY

PROFESSORS HOPKINS, HALL, AND DOUGHTY

1. Fundamental laws. The non-metallic elements and their compounds.

2. The metallic elements and their compounds.

PROFESSOR DOUGHTY

3. Qualitative Analysis. Reactions and detection of the common metals and acids. (1, 2 requisite.)

4. Organic chemistry. An introduction to the chemistry of the compounds of carbon. General theory of organic chemistry and preparation of typical compounds. (1, 2 and 3 requisite.)

PROFESSOR HALL

5. Quantitative analysis, chiefly laboratory work in gravimetric and volumetric analysis. (1, 2 and 3 requisite.)

6. Quantitative analysis; a continuation of 5.

7. Physical chemistry. (Physics 1 and 2 and Chemistry 1, 2 and 3 requisite.)

PROFESSOR DOUGHTY

8. Organic preparations. Laboratory work and assigned reading. Two three-hour periods per week in the laboratory. In this course, compounds will be made involving more difficult methods of preparation than those prepared in course 4. (1, 2, 3 and 4 requisite.)

Every course in chemistry includes lectures, recitations, and laboratory work — except as indicated in 5, 6, and 8.

MINERALOGY AND GEOLOGY

PROFESSOR EMERSON AND MR. KIMBALL

1. Structural and dynamical geology as illustrated by the region around Amherst. Six excursions required, generally on Wednesday afternoons. Fairchild's edition of Leconte's *Elements of Geology*. (Physics 1, 2 and Chemistry 1, 2 requisite.)

2. Historical geology, palæontology, physiography. (1 requisite, Biology 1, 2 desirable.)

3. Field and laboratory work. Survey of an area of glacial and

post-glacial beds followed by descriptive mineralogy, crystallography, determination of minerals, petrography (Moses and Parson's *Mineralogy*), or by advanced palæontology. Eastman's translation of von Zittel's *Palæontology*. (Geology 1, 2 and Biology 1, 2 requisite.)

4. Survey of an area of Triassic or Crystalline rocks, or advanced work in mineralogy, petrography, or palæontology.

HYGIENE AND PHYSICAL EDUCATION

PROFESSORS HITCHCOCK AND PHILLIPS

1. Personal hygiene; lectures on fundamental laws affecting health. (One-hour course.) Pyle's *Personal Hygiene*, or Hough and Sedgwick's *Hygiene*.

2. Human physiology. Hough and Sedgwick's *The Human Mechanism*.

Except in Senior year, light gymnastic drill is required three times a week the first and second terms.

BIOLOGY

PROFESSORS TYLER AND LOOMIS

1. Evolution of vertebrates.

2. Evolution of invertebrates.

Laboratory work includes dissection or microscopic study of the principal forms of animal life. The lines of evolution leading to higher animals and man are traced as far as possible. The laws governing human development and the structure and affinities of the great divisions of the animal kingdom are investigated.

3. Distribution of vertebrates. (1 requisite.)

4. Comparative anatomy of vertebrates. (1 requisite.)

5. Vertebrate embryology. Biological problems. (1 requisite.)

6. Prehistoric man. (1 requisite.)

BOTANY

MR. GOODALE

1. Evolution of the plant kingdom.

The progress of plant life from the lower to the higher forms is studied by means of lectures and laboratory work upon certain types selected as representative of the main groups of plants. Field work is required during the latter part of the semester.

2. Detailed study of the structure and physiology of the Spermatophytes, or seed plants.

During the last eight weeks a course in field-work is offered, in place of laboratory work, to those whose rank is high.

THE HENRY WARD BEECHER LECTURESHIP

This Lectureship is named in honor of Henry Ward Beecher of the class of 1834. It is awarded annually by the Faculty for supplementary lectures in the Departments of History and the Political and Social Sciences, and pays the holder the sum of five hundred dollars. The lectureship was founded by Frank L. Babbott, M.A., of the class of 1878.

The lecturer this year is Professor Henry Morse Stephens of the University of California. The subject is *The Enlightened Despotism of the Eighteenth Century in Europe*.

Lists of Studies

FRESHMAN YEAR

ALL candidates for a degree take English 1, 2; Mathematics 1, 2; Hygiene 1 (1 hour), Public Speaking 2 (1 hour). Candidates who have entered;

B.A. Group* 1, take also Greek and Latin, and choose one study from the list given below;

B.A. Groups 2 and 3, take also Greek or Latin and a modern language, and choose one study from the list given below;

B.S., take also two modern languages, and choose one study from the list given below.

Candidates who have been accepted in Mathematics II (Solid Geometry, Advanced Algebra, and Trigonometry) at entrance, choose two studies from the list given below. Candidates for B.S. who have presented Latin I and II may become candidates for B.A. by taking the Latin of Freshman year.

ELECTIVES, FRESHMAN YEAR

First Semester

French 1, 3, or 5
German 1, 3, or 5
Mathematics 3
Chemistry 1
Physics 1

Second Semester

French 2, 4, or 6
German 2, 4, or 6
Mathematics 4
Chemistry 2
Physics 2
English 4
Physiology 2

* For definition of groups see page 43.

LIST OF ELECTIVES

Each student elects five courses Sophomore, Junior, and the first semester of Senior year, and four courses the second semester of Senior year.

	SOPHOMORE YEAR	JUNIOR YEAR	SENIOR YEAR
Art.....		1-2	
Astronomy			1 to 4
Biblical Literature...		1-2	3, 4
Biology	1-2	3 to 6	
Botany	1-2		
Chemistry.....	1 to 4	5-6	
Economics.		1-2, 4, 6, 11, 12	13, 15, 17, 18
English	1 to 8, 13, 14	9 to 18, 21 to 24	19, 20
French	1 to 6	7-8	9-10
Geology		1-2	3-4
German	1 to 6	7 to 10	11-12
Greek	A, 1 to 4	5 to 12	
History	1-2	3 to 8	9-10
Italian.....	1-2	3 to 6	
Latin	1 to 4	5-6	7-8
Mathematics.....	1 to 6	7-8	9-10, 12, 14
Modern Gov't		2	3-4
Music	1-2	3-4	
Philosophy		1-2	3,
Physics	1 to 4	5-6	
Physiology.....	2		
Public Speaking.....	3 (req.)	5	7
Spanish.....	1-2	3 to 6 and any preced- ing courses	and any pre- ceding courses

Clubs and Societies

ROMANCE CLUB

THE Romance Club is a student organization whose object is to encourage conversation in French, Spanish, and Italian, — the only languages permitted in the Club Room. It is purely social in character, being quite independent of the conversation classes conducted by the department. Informal weekly meetings are held, foreign dailies and illustrated journals are kept on file in the Club Room, which is always open to members, distinguished foreigners are invited to speak in their native tongue under the auspices of the Club, plays are presented, and finally members are encouraged to travel in the Latin countries and to recount their experiences to the Club on their return.

GERMAN CLUB

The German Club is an organization of students for the purpose of gaining facility in speaking the language. Members have access at all times to the rooms, which are provided with German newspapers, illustrated papers, and reviews. Weekly meetings are held, at which German only is spoken.

LITERARY CLUB

The Literary Club is organized and conducted by students, and the teachers of English are active members. The purpose of the Club is to increase interest in English literature, to form correct literary opinions, and to promote free discussion of lit-

erary subjects. Special attention is given to modern and current literature. The Club also affords opportunity to hear prominent lecturers from outside the College.

HISTORY CLUB

The History Club is an association of students who are especially interested in history and meet fortnightly for the study of some subject not included in the regular courses.

CHORUS AND ORCHESTRAL WORK

A chorus and orchestra, consisting of students, faculty, and citizens of the town and vicinity, render during the college year and at Commencement some of the larger musical masterpieces, thus giving all who can sing, or play an instrument, an opportunity for practice and development in good music. The works studied, thus far, are Mendelssohn's *St. Paul, Hymn of Praise, Hear my Prayer* and *Elijah*, Händel's *Dettingen Te Deum* and *Messiah*, the overture to Von Weber's *Freischütz*, Beethoven's *Seventh Symphony*, Mozart's *Requiem Mass* and *Zauberflöte Overture*, and Haydn's *Creation* and *The Seasons*.

COLLEGE CHOIR

Students who have good voices and have had experience in singing may become members of the choir, whenever there are vacancies. They receive remuneration for their services.

The duties of the choir are to lead singing daily at morning prayers, and at the Sunday morning service, and to attend such choir and chorus rehearsals as may be appointed.

Buildings and Equipment

AMHERST COLLEGE is situated on the slope of the Connecticut valley, four miles east of the river. Beyond the broad valley on the west are the Hampshire and Berkshire hills, on the south is the Holyoke range, on the north are Mount Toby and the Sugar Loaf mountains, on the east are the Pelham Hills. The College is placed on a broad eminence at the center of this circle of mountains and ranges, looking out in every direction on beautiful scenery.

THE LIBRARY

The library contains about eighty thousand volumes. The funds available for the increase of the library yield an annual income of about four thousand dollars, which is expended under the direction of the library committee in such a way as to do justice to each department of the library.

The reading-room is large and attractive, and is supplied with the best foreign and American periodicals. Open shelves contain encyclopædias, dictionaries, and other books of reference, together with such books as are temporarily assigned to reading-room use by teachers in the different departments.

Members of the College are allowed free access, under a few necessary limitations, to the bookshelves. In addition to the use of books in the library building, each student is permitted to have out three volumes at a time.

During term-time the College library and reading-room are open from 8.30 A.M. to 9.30 P.M. every day except Sundays

and holidays. During vacations the library and reading-room are open five hours daily, except from August 15 to September 15.

The library building bears the name of the Henry T. Morgan Library, in recognition of the munificent bequests of the late Henry T. Morgan of New York.

THE MATHER ART MUSEUM

For purposes of instruction in the history of Art, the College is well equipped with reproductions illustrating various periods and schools. The large collection of plaster casts which occupies the entire third floor of Williston Hall, and the vestibule and stairway leading to it, has been named in honor of the late Professor Richard H. Mather, D.D., in recognition of the fact that it was brought together solely through his agency. It comprises nearly one hundred casts of acknowledged excellence, of which some fifty, of the size of the originals, illustrate Egyptian, Mycenæan, Greek, and Roman sculpture, both in the round and in relief. Of later sculptors, Michelangelo, John of Bologna, Canova, and Thorwaldsen are represented. Among the copies of important bas-reliefs, the most noteworthy is that of the Parthenaïc frieze from the Parthenon, which encircles the main hall. There are also about forty statuettes and busts in the collection, all from antique or Renaissance originals. At the east end of the hall are full-sized casts of the Ghiberti gates in the Baptistry at Florence; at the west end is a reproduction of Crawford's doors of the Capitol at Washington.

The Museum is entered through the central door on the north side of Williston Hall, or through the smaller door, on the same side, leading to the Greek room. It is open every week-day, while College is in session, from 2 to 3 P.M. At other times visitors are admitted on application to the custodian.

In addition to the resources of the Mather Museum, the rooms

of several departments of the College are supplied with art reproductions of various kinds. The Latin and Greek rooms, both in Williston Hall, possess many important casts in bronze and plaster, as well as large collections of photographs, engravings, and stereopticon slides. In the Art Room of the library, at the right of the entrance, is the Italian Art Collection of more than one thousand carbon photographs and lantern slides illustrative of Italian painting of the Renaissance. In the same room are two cases of Eastern antiquities, such as Assyrian and Babylonian seals, cylinders, bricks, and fragments; and in the vestibule of the library are several Assyrian slabs, with inscriptions in cuneiform characters, dated about 900 B.C., which were obtained by the late Dr. Henry Lobdell of the class of 1849 from the walls of the palace of Assurnazirpal at Nimroud.

LABORATORIES AND APPARATUS

The chemical laboratory has ample accommodations for the department. It contains on the first floor laboratories for quantitative and qualitative analysis. Upon the second floor is a large lecture-room, and adjoining is a commodious room for preparations and apparatus for experiments. Upon the same floor is a working laboratory for students in general chemistry, and a laboratory arranged for organic and sanitary work, with a combustion room. Upon each floor is a recitation room. A library room is in proximity to the work of the more advanced students. In the basement are storerooms for glassware, chemicals, and acids, an assay room, a gas analysis room, and a workshop.

The physical laboratory has on the main floor a large lecture-room and an apparatus room with a valuable collection for lecture illustration. There are also on this floor a library and reading-room, a recitation room, and a room for experimental work in

electricity. On the upper floor are laboratories for elementary experimental work, a balance room, a photographic developing room, a dark room for general purposes, an optical room, and a spectroscopy room equipped with a powerful concave-grating spectroscopy. In the basement are battery rooms, a uniform temperature room, a room for special researches, and a well-equipped workshop and dynamo room, with steam and water power.

The biological laboratory is connected with the Appleton Cabinet. On the first floor is the recitation room, containing the study collections of animals and a full local herbarium. The collection is illustrated by a set of Leuckart's wall charts. Adjoining the recitation room is the reading-room, or department library. This library, the gift of former students in the department, contains at present about two hundred and fifty volumes, and includes two or more copies of the larger and more expensive text-books and books of reference. The student is thus enabled to study the specimen with the best charts and books of reference immediately within his reach. On the second floor are laboratories for beginners and for advanced students supplied with microscopes, microtomes, and all needed instruments.

The geological laboratory is connected with the Woods Cabinet, which contains a large mineralogical collection.

New biological and geological laboratories are now building, to be occupied in 1909.

THE OBSERVATORY

The Observatory and its equipment are maintained both for educational purposes and for original research. The old Observatory, built in 1847 on the College grounds, has been dismantled and is no longer used.

The new Observatory, with a thoroughly modern equipment,

has an excellent site near the College. The large dome, thirty-five feet in diameter, houses an eighteen-inch Clark telescope. The small dome contains a seven and one-fourth inch refractor. The observatory equipment comprises also an altazimuth, two transits with the usual accessories for meridian observations, and instruments for instruction in the theory and practice of navigation.

The land included in the Observatory property is about seven and one-half acres, and adjoining are nearly fifty acres owned by the College.

THE NATURAL HISTORY COLLECTIONS

The Woods Cabinet is named in honor of its principal donor, the late Hon. Josiah B. Woods of Enfield. It contains a geological collection of about twenty-five thousand specimens, consisting of the general American and European collections, the State survey collections of New Hampshire, Vermont, Massachusetts, and Connecticut, and the Shepard meteorite collection.

In the Appleton Cabinet, named in honor of the late Hon. Samuel Appleton of Boston, are the Hitchcock ichnological collection, the Gilbert museum of Indian relics, and the Adams zoölogical collection.

In the ichnological collection, named after President Hitchcock, are to be found about fourteen hundred specimens, containing at least twenty thousand tracks of animals in stone, together with plaster and clay casts of tracks of living and extinct species of animals. The museum of Indian relics receives its name from the Hon. George Gilbert of Ware, by whose liberality it was mainly established. It comprises about thirty-five hundred specimens of the stone implements of extinct Indian tribes, principally those who lived in the Connecticut valley. The zoölogical collection was originally gathered and arranged by the late Pro-

fessor Charles B. Adams of the class of 1834. It comprises prepared specimens of animals and their habitations, and dried plants, representing all the great groups of the animal and vegetable kingdoms. In the department of shells it is particularly extensive and valuable. A collection in comparative osteology, and the clastic models of Auzoux, are incorporated with the zoölogical collection. The collections arranged in these several cabinets contain more than one hundred thousand specimens of the animal, mineral, and vegetable kingdoms.

By the gift of the Hon. Elbert E. Farman, LL.D., of the class of 1855, the College possesses Audubon's celebrated collection of birds, amounting in all to about six hundred specimens. Many of these are the typical specimens by which the species were determined, and about one hundred have been mounted for exhibition in the Appleton Cabinet. The same donor has added to this collection several of the rarer California birds which have been discovered since the death of Audubon.

The cabinets are open to the public every week-day from 3 to 4 P.M.

LECTURE AND RECITATION HALLS

Walker Hall, a granite building, named for the donor, the late William J. Walker, of Newport, Rhode Island, contains nine lecture-rooms for philosophy, history, modern government, English and mathematics, and the offices of the President, Treasurer, and Registrar.

Williston Hall, a brick building, named for the donor, the late Samuel Williston of Easthampton, contains the Latin, Greek, and English lecture-rooms, the Art Museum, and the rooms of the Christian Association.

Barrett Hall, a stone building, was the first college gymnasium in this country, erected in 1859, and named for the late

Benjamin Barrett, M.D., of Northampton. The building was restored in 1907 by means of the fund given by Edward A. Strong of the class of 1855. It is now arranged for lecture-rooms and is occupied by the departments of modern languages, and by the German and Romance Clubs.

Hitchcock Hall, a brick building, named for Edward Hitchcock, LL.D., of the class of 1849, is the College Dining Hall, and accommodates three hundred students.

THE COLLEGE CHAPEL

The Chapel, one of the oldest buildings, erected in 1828, contains Johnson Chapel, where morning religious services are conducted, five lecture-rooms, and a small hall.

THE COLLEGE CHURCH

The College Church, the gift of William F. Stearns, is a beautiful Gothic edifice, in which preaching services are held on Sundays.

COLLEGE HALL

College Hall, a brick building, originally the village church, was restored in 1905 by the class of 1884. It is in the colonial style of architecture, with a graceful portico and cupola. It has wide galleries and accommodates about one thousand persons. Every class since 1828, when the church was built, has been graduated in this hall. It is the place where Commencement exercises are held, oratorios rendered, public lectures given, and student mass-meetings gathered.

The Pratt Gymnasium and Natatorium

THE Pratt Gymnasium is the gift of Charles M. Pratt, M.A., of the class of 1879. The main hall affords ample space for drill practice with light apparatus, and for military evolutions. The equipment of specialized apparatus is complete, and enables a large number of students to take individual exercise simultaneously.

On the main floor are the offices of the Professors of hygiene and rooms containing anthropometric apparatus for the measurement and examination of students. The two physicians of the College are in daily attendance, to give personal care and advice respecting the bodily needs and exercises of the students.

One division of the building contains a fencing room and hand-ball court. In the basement are the bowling-alleys, a sparring room, and baseball cage. The gymnasium is open every week-day from 8.45 A.M. to 6 P.M. and for special purposes in the evening.

The Pratt Natatorium is the gift of Harold I. Pratt, B.S., of the class of 1900. The pool is seventy-five feet long and twenty-two feet wide. Apparatus for water sports is provided. The building which contains the swimming pool is connected by a corridor with the Gymnasium. The pool is on the first floor, with an elevated area for spectators. On the second floor are one double and three single squash-racquet courts, the gift of Mortimer L. Schiff, M.A., of the class of 1896. The pool and the racquet courts are free to all students.

The Pratt Field and Skating Rink

THE Pratt Field, an area of about thirteen acres, less than one third of a mile from the College, is the gift of Frederic B. Pratt, M.A., of the class of 1887. It is intended for out door

recreation of all students of the College. It is provided with a well-laid quarter-mile track and space for field contests, a baseball diamond, football grounds and tennis courts. The grandstand seats about five hundred, and furnishes standing-room for as many more. In the large space under the stand are dressing-rooms, shower-baths, and storerooms.

The Pratt Skating Rink, built in 1908, is the gift of Charles M. Pratt, M.A., of the class of 1879, for the free use of all students. It is situated near Pratt Field, and has an area of 200×115 feet. A heated bungalow at the rink-side provides for the comfort of skaters and spectators.

The Pratt Health Cottage

THE Pratt Health Cottage, in an elevated situation three fourths of a mile from the College, is the joint gift of George D. Pratt, B.S., of the class of 1893, Herbert L. Pratt, B.A., of the class of 1895, and John T. Pratt, B.A., of the class of 1896. Its size and equipment are ample for the purposes of an infirmary, where students temporarily disabled by disease or accident may receive treatment in accordance with the liberal provisions of the donors. The College physicians have general charge of the infirmary in all matters except treatment, for which any student is at liberty to employ a physician of his own choice and school of medicine. The arrangements for treating infectious diseases are perfect, and the collection of surgical appliances suitable for emergency cases is complete. The matron, a graduate nurse, is ready at all hours during term-time to relieve sick or disabled students, and provide for their necessities, pending any arrangement for especial treatment. Every case of sickness, whether the student goes to the infirmary or not, must be immediately

reported to one of the College physicians. The cost to each patient is only a charge sufficient to defray necessary expense. Provision is made for a limited number of patients by funds given in aid of needy and worthy students, one in memory of Rev. Edmund K. Alden, D.D., of the class of 1844, one in memory of President William S. Clark, LL.D., of the class of 1848, and one in memory of Rev. Thomas P. Field, D.D., of the class of 1834.

Dormitories

THE rooms in North and South Colleges, arranged on the general plan of a separate study and bedroom, allow a choice in suites for one, two, or three students. The buildings are heated with steam and there are tiled open fireplaces in most of the rooms. The floors are hardwood, and may be left uncarpeted and used with rugs. On the first floor of each half of each dormitory is a toilet room, and on the second floor a bath room. The hallways and rooms are lighted with electricity. The prices named for room-rent include heat, water, and care of the rooms by capable janitors. Light is charged on term-bills.

A student who is occupying a dormitory room is allowed until the first Monday in May to retain the same for the succeeding year. After that date members of the College may draw for choice of unengaged rooms in the following order: on the Tuesday following, members of the incoming Senior class; on the Thursday following, members of the incoming Junior class; and on the Friday following, members of the incoming Sophomore class. After the last date rooms will be rented as called for; or they may be reserved for members of the incoming Freshman class.

Application for rooms should be made to the Treasurer. Bills for room-rent are payable at the Treasurer's office, and are due, one quarter on engaging the room, one quarter on the first of October, and the balance on the first of March.

NORTH COLLEGE

NORTH ENTRY

First Floor: No. 1, \$90; Nos. 2 and 2A, \$100; No. 4, \$90.

Second Floor: No. 5, \$115; Nos. 6 and 6A, \$135; No. 8, \$120; Room D, \$55.

Dormitories

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Third Floor: No. 9, \$115; No. 10, \$90; No. 11, \$90; No. 12, \$120; Room E, \$60.

Fourth Floor: No. 13, \$110; No. 14, \$85; No. 15, \$85; No. 16, \$115; Room F, \$55.

SOUTH ENTRY

First Floor: Nos. 17 and 17A, \$100; No. 18, \$85; No. 19, \$85.

Second Floor: Nos. 21 and 21A, \$135; No. 22, \$115; No. 23, \$120; Room A, \$55.

Third Floor: No. 25, \$90; No. 26, \$115; No. 27, \$120; No. 28, \$90; Room B, \$60.

Fourth Floor: No. 29, \$85; No. 30, \$110; No. 31, \$115; No. 32, \$85; Room C, \$55.

SOUTH COLLEGE

NORTH ENTRY

First Floor: No. 1, \$85; Nos. 2 and 2A, \$100; No. 4, \$85.

Second Floor: No. 5, \$115; Nos. 6 and 6A, \$135; No. 7, \$55; No. 8, \$120.

Third Floor: No. 9, \$115; No. 10, \$90; No. 10A, \$50; No. 10B, \$45; No. 11, \$60; No. 12, \$120. (Nos. 10, 10A, and 10B should rent as a suite; or Nos. 10 and 10A may be rented together, and No. 10B and No. 11 may be rented as a suite.)

Fourth Floor: No. 13, \$110; No. 14, \$80; No. 14A, \$50; No. 14B, \$45; No. 15, \$55; No. 16, \$115. (Nos. 14, 14A and 14B should rent as a suite; or Nos. 14 and 14A may be rented together, and No. 14B may be rented with No. 15 as a suite.)

SOUTH ENTRY

First Floor: Nos. 17 and 17A, \$100; No. 18, \$95; No. 19, \$95.

Second Floor: Nos. 21 and 21A, \$135; No. 22, \$125; No. 23, \$125; Room A, \$55.

Third Floor: No. 25, \$95; No. 26, \$125; No. 27, \$125; No. 28, \$95; Room B, \$65.

Fourth Floor: No. 29, \$90; No. 30, \$120; No. 31, \$120; No. 32, \$90; Room C, \$60.

Administration

TERMS AND VACATIONS

THE academic year includes thirty-six weeks of term-time divided into the Autumn, Winter, and Spring terms. There is a recess of two weeks beginning three days before Christmas, a Spring recess of two weeks and a Summer vacation of twelve weeks. Commencement Day is the last Wednesday in June.

Courses of study are arranged in two semesters of eighteen weeks each. A schedule of courses is published before each semester. On Wednesday and Saturday afternoons all exercises are suspended.

ATTENDANCE AT RECITATIONS AND LECTURES

Not more than five absences are allowed from the class-room exercises of every three-hour course in each semester. In courses involving more or less than three hours a week, and in laboratory courses, the number of allowed absences is limited to one tenth of the total number of exercises. Three tardy marks count as one absence. Absences from recitation and chapel in the twenty-four hours preceding and following recesses count double.

As soon as a student exceeds the allowed number of absences in any course he is reported to the Administration Committee and placed on probation, and unless excused by the Committee his mark in that course is reduced by five one hundredths for each absence in excess of the allowance. If after having been

placed on probation he is absent again without a satisfactory excuse, he is excluded from the course.

A student whose absences in excess of the allowance in any course are excused by the Administration Committee, on account of sickness or for any other reason, must make up the work to the satisfaction of the instructor before he can be admitted to the final examination. If he fails to do this, his mark in that course is reduced by five one-hundredths for each absence in excess of the allowance.

All students going home to vote have an opportunity to make up for the necessary absences by special recitations or exercises.

EXAMINATIONS

Examinations are held at the end of each semester, or at intervals during the semester, in all courses. There are no second or make-up examinations after the close of a semester, except in required courses.

A student who has failed in a required course may take a second examination in the two days before the beginning of the next college year. A student who has failed in mathematics, Latin or Greek the first semester of Freshman year, may take a second examination at the beginning of the Spring term. A student who has failed in English the first semester of Freshman year may take a second examination at the end of the second semester. A Senior who has failed in any course or courses of the second semester may take a second examination. A Senior who has failed in any course or courses of the first semester, in case there are no courses that can be substituted the second semester, may take a second examination at the end of the second semester. Special semester examinations are granted only by vote of the Administration Committee, and in such cases a fee of three dollars is charged for each subject.

DELINQUENCIES

A student who has failed in a required course on a second examination is obliged to repeat it the following year with the next lower class. A student who has failed in an elective course is obliged to repeat it the following year, or may, with the consent of the Administration Committee, substitute another course in a subsequent semester.

After the first semester of Freshman year, no student may take six courses unless he has passed five courses the previous semester.

No student whose average is less than 70, or who has failed in any course in the previous semester, may elect a sixth course, without the consent of the Administration Committee.

When a student in any semester fails to pass more than two of the five subjects required, or when the total number of his delinquencies is six, he is dropped from college, unless exception is made by the Administration Committee.

A student who, on account of illness, does not take a final examination may be granted the privilege of a special examination, provided he presents a certificate from one of the College physicians.

ATTENDANCE AT CHURCH AND CHAPEL

Absences from chapel services are allowed upon an average once a week for each semester; from the Sunday service, four absences are allowed in each semester.

Instead of attendance upon the Sunday service of the College Church, any student, on application to the Registrar, is permitted to attend church service elsewhere with the denomination of his choice. If the student is under twenty-one years of age, his application must be accompanied by a written request from his parent or guardian.

All applications for excuses from church and chapel exercises must be made to the Dean.

ATTENDANCE AT GYMNASIUM

Three hours a week of physical exercise are required of the Freshman, Sophomore, and Junior Classes in the first and second terms of the year. Freshmen commence their work at the beginning of the year; Sophomores and Juniors immediately after the Fall Athletic Meet. A limited number of students are excused from attendance at the Gymnasium while they are actively training for one of the athletic teams of the College.

Every student on entering College is required to take a physical examination.

PUBLIC EXHIBITIONS

The following regulations are not intended to apply to games or exhibitions between classes or fraternities of the College.

FOR STUDENTS IN GENERAL

No student whose work is incomplete in more than one course is allowed to take part in any public game or entertainment given by any club, association, or team of students, or to occupy the position of manager or assistant manager.

The privilege of connection with any club, association, or team of students is at once withdrawn for the remainder of the semester in the case of any student who is reported to the Administration Committee as failing in three courses.

No individual student shall compete in athletics outside of Amherst in term-time without first obtaining permission of the Committee on Athletics.

Every student before entering any athletic competition is required to have a certificate of physical fitness from the Department of Physical Education.

FOR FRESHMEN

The First Semester. — A Freshman who has an entrance condition is not allowed to take part in any public game or exhibition or entertainment given by any club, association, or team of students.

The Second Semester. — A Freshman who has an entrance condition or an incomplete semester course, or an average recorded standing below 65, is not allowed to take part in any public game or entertainment given by any club, association, or team of students. (These rules do not apply to a Freshman football or baseball team.)

A Freshman who has more than one incomplete semester course is not eligible to the Freshman baseball team.

FOR MANAGERS AND CAPTAINS

Any club, association, or team of students proposing to give one or more entertainments or exhibitions other than athletic, before making any contracts or engagements, must present their plans to the Committee on Public Exhibitions, and no engagements shall be made without the approval of the Committee.

Any club, team, or association of students proposing to have one or more athletic games or contests must submit their schedule to the Athletic Board before making any contracts or engagements, and no engagements shall be made without the approval of that Board.

Captains of athletic teams are required to see that each candidate for the team has a certificate of physical fitness from the Department of Physical Education before entering upon active training

FOR EDITORS OF COLLEGE PUBLICATIONS

No student whose work is incomplete in more than one course is allowed to be an editor of a college publication.

No Freshman who has an entrance condition or an incomplete

semester course, or an average recorded standing below 65, is allowed to be an editor of a college publication.

TERM BILLS, BOND AND FEES

Term bills, including tuition, use of library and gymnasium, and all ordinary incidentals, amount to one hundred and ten dollars for the year. [Beginning with the class which enters in 1909, the annual charge will be one hundred and forty dollars.] A bond of two hundred dollars, with satisfactory surety for the payment of all college bills, must be given to the Treasurer by each student when he enters College.

Each member of the Senior class is required to pay a graduation fee of six dollars.

LABORATORY FEES

Physics	{	First year, each semester	\$5.00
	{	Second and third years, each semester	7.00
Biology	{	First year, each semester	5.00
	{	Second and third years, each semester	8.00
Chemistry	{	First year, first semester	5.00
	{	First year, second semester	4.00
	{	Second, third, and fourth years, each semester, except	
	{	course 7	10.00
	{	Course 7	2.00

These fees must be paid on or before the first day of the semester for which they are charged. Dues for breakage must be paid at the close of the semester.

EXPENSES

The following table shows three scales of annual expenditures, omitting clothing, vacation expenses, laboratory charges, membership of societies, and incidentals:—

	Low	Moderate	Liberal
Tuition*	\$110	\$110	\$110
Room (one half)	35	55	75
Furniture (annual average)	10	20	30
Board thirty-six weeks	144	180	216
Fuel and light	10	15	25
	<u>\$309</u>	<u>\$380</u>	<u>\$456</u>

The dormitories accommodate about one hundred and twenty-five students, and the fraternity houses about two hundred. Rooms can be rented at moderate rates in private houses. Board is furnished at various places in the town, at prices from four to seven dollars a week.

RELIGIOUS CULTURE

The Christian life of the College finds expression through the College Church and the Christian Association. Prayers are conducted by the President each week-day morning at a quarter past eight o'clock in Johnson Chapel. All students are required to be present. Public worship is held every Sunday at a quarter before eleven o'clock in the College Church. All students, not excused to attend elsewhere, are required to be present. There are class prayer-meetings and Bible classes on Sunday and a prayer-meeting on Thursday evening. A communion service is held in the College Church three times during the year.

PHYSICAL CULTURE

The department of hygiene and physical education is under the charge of two physicians, who keep themselves acquainted with the health of all the students. Soon after he enters College, and twice thereafter during his collegiate course, if he so desires, each student is minutely examined in reference to his strength and physical condition, and advised as to any particular course he should take for the maintenance and increase of his health and strength.

* Beginning with the class which enters in 1909, the annual charge will be \$140.

Besides the exercises which every student may take by himself, the members of each class except Seniors regularly exercise together in the gymnasium three times every week, during the Autumn and Winter terms. Unless excused for physical disability, every student is required to attend the gymnasium for the performance of these exercises in light gymnastics.

In the natatorium, swimming is taught by a competent instructor. Every student who on entering College cannot swim is required to learn during the first year and before the end of Sophomore year to pass the college requirements in swimming.

The results of this system of prescribed gymnastic training pursued in the College have been eminently satisfactory. While hygienists affirm that, as a general rule, the health of a young man from fifteen to twenty-five years of age is apt to decline, the reverse rule is found to prevail with students here. From statistics systematically kept for more than thirty years, it appears that the health of an Amherst College student is likely to grow better each year of his collegiate course. The average health of the Sophomore class is better than that of the Freshman; and of the Junior, better than that of the Sophomore; and of the Senior class best of all. Moreover, this average is shown to come from improvement in the physical condition of the individual student, and not from absence of those who drop out of the course because physically too weak to complete it.

ADVISERS

Immediately upon entering College every Freshman is required to submit his choice of studies to the member of the Faculty appointed to advise him. At the end of the year he is expected to consult his adviser as to his course in general. It is also expected that the student will consult his adviser whenever he feels the need, on any subject related to his college life.

Degrees

DEGREE OF BACHELOR OF ARTS

Candidates for the degree of Bachelor of Arts are required to complete, in addition to the studies of Freshman year, at least thirty semester courses (instead of twenty-nine as heretofore), four of which shall be completed in the last semester of the course. They must also have no outstanding deficiencies in the work of any semester, and must attain an average grade of 65. Diplomas are graded as *rite*, *cum laude*, *magna cum laude*, *summa cum laude*, according to scholarship.

Summa cum laude rank is fixed at 93, *magna cum laude* at 88, and *cum laude* at 80.

The requirement of thirty semester courses after Freshman year goes into effect with the class of 1911.

DEGREE OF BACHELOR OF SCIENCE

Candidates for the degree of Bachelor of Science are required to complete, in addition to the studies of Freshman year, not less than thirty semester courses (instead of twenty-nine as heretofore), four of which shall be completed in the last semester of the course. They must also have no outstanding deficiencies in the work of any semester, and must attain an average grade of 65. Besides the mathematics of Freshman year they shall complete twelve semester courses in natural sciences, mathematics, and economics. Sciences taken in Freshman year and two courses in economics may be included in the twelve courses

required. They shall complete also the second year of German and the second year of a Romance language. Diplomas are graded as *rite*, *cum laude*, *magna cum laude*, *summa cum laude*, according to scholarship, as specified above under B.A. degree.

The requirement of thirty semester courses after Freshman year goes into effect with the class of 1911.

A student who presents advanced Latin among the requirements for entrance to the Scientific course may become a candidate for the degree of Bachelor of Arts by electing the Latin courses of Freshman year.

GRADUATION IN LESS THAN FOUR YEARS

GRADUATION IN THREE YEARS

A student who has at entrance, by examination, credit for four semester courses, may take six courses each semester, besides required work in declamation and hygiene, in order to obtain a degree in three years. Written notice of intention to complete the course in three years shall be given at the beginning of the first year.

GRADUATION IN THREE AND ONE HALF YEARS

A student may complete the course in three and one half years by taking in addition to the regular work an extra course in each of five semesters, and may take his degree at the Commencement following. Written notice of intention to complete the course in three and one half years shall be given at the beginning of the second year. On completion of the requisite number of courses the student may on petition obtain leave of absence until the time when the degree is conferred.

No student shall take more than the required number of studies in any term in order to shorten the course, or for any other reason, except by permission of the Administration Committee.

DEGREE OF MASTER OF ARTS

The degree of Master of Arts is conferred upon Bachelors of Arts of Amherst College who have spent a year in residence at the College, pursuing a systematic course of liberal non-professional study, approved by the Committee on Degrees. Proficiency will be tested by examination or by examination and thesis, as may be determined by the professors under whose direction studies are pursued.

The degree is conferred upon Bachelors of Arts of this College who have been one year in residence at another college and have fulfilled the requirements indicated in the preceding paragraph.

The degree is conferred upon Bachelors of Arts of this College, not in residence at the College, who, not less than three years after graduation, have completed a course of liberal, non-professional study approved by the Committee on Degrees. Proficiency will be tested by examination or by examination and thesis on a subject approved by the Faculty.

Those who complete, at the end of the first semester of Senior year, the requirements for the degree of Bachelor of Arts may apply the remainder of the year to studies leading to the degree of Master of Arts and finish their studies in non-residence the following year, receiving the degree one year after graduation.

Every resident candidate shall register his name and subjects of study with the Registrar not later than October 1.

Every non-resident candidate shall register his name and subjects with the Registrar not later than October 1 preceding the Commencement when the degree is conferred.

Every candidate who completes the requirements for the Bachelor's degree at the end of the first semester of Senior year, and applies the remainder of the year to studies leading to the Master's degree, shall register his name and subjects not later than December 1.

Every resident candidate shall pay the regular tuition for each term of residence, and a diploma fee of five dollars. Every non-resident candidate shall pay a fee of ten dollars for examination and diploma.

Communications relative to the requirements for the degree should be addressed to Professor John F. Genung, Chairman of the Committee on Degrees.

SPECIAL COURSE

Special students shall take as many courses as are taken by regular students. The first year they shall study the modern language in which they are prepared, and the required studies of Freshman year for which they are prepared, unless they have taken any of those studies already. Other studies may be chosen from Biology, Chemistry, Physics, Modern Languages, and History. After the first year all studies are elective.

Fellowships

THE ROSWELL DWIGHT HITCHCOCK MEMORIAL FELLOWSHIP

OF two hundred and fifty dollars, offered by the Alpha Delta Phi Fraternity, is awarded annually under conditions determined by the Faculty to a member of the Senior class for excellence in history and the social and economic sciences. The holder of the Fellowship pursues for one year, at an institution approved by the Faculty, a course of study in history or economics, to be completed within the period of two years next following graduation. The amount of the Fellowship is paid in two instalments, one on completion of one half the year's work, the other at the end of the year.

THE RUFUS B. KELLOGG UNIVERSITY FELLOWSHIP

The gift of the late Rufus B. Kellogg of the class of 1858, awards the income of about thirty thousand dollars for seven years to an alumnus of Amherst College, who shall be appointed upon the following conditions: —

(1) He shall be selected by the Faculty from the members of the class graduated at the close of the academic year in which this election shall be made, or from the members of the classes graduated in the six years immediately preceding the academic year in which this election shall be made.

(2) The Faculty shall select as the incumbent of the said Fellowship the man who, in their judgment, is best equipped

for study and research, without regard to any other consideration whatsoever, except that he shall have an especially good knowledge of the Latin and German languages.

(3) The first three years of the term of seven years the incumbent shall spend at a German university (or with the approval of the Faculty of Amherst College, at any other place or places), in the study of philosophy, philology, literature, history, political science, political economy, mathematics, or natural science. The last four years of the term of seven years shall be spent as a lecturer at Amherst College. But the incumbent shall not give more than thirty lectures per annum, and shall not be required to reside at Amherst more than one college term of any year. The lectures shall be upon a subject selected by himself and approved by the Trustees; and the incumbent shall cause the lectures to be published at the end of his official term in good book form. He shall have no occupation or employment during the period of his Fellowship, except such as pertains to the duty of his Fellowship.

The Fellowship was established in 1892.

The Fellowship has been held by Prof. Arthur H. Pierce, Ph.D., of the class of 1888, from 1893 to 1900, and by Frank Otis Reed, Ph.D., of the class of 1899, from 1900 to 1907. The present incumbent is Preserved Smith, Ph.D., of the class of 1901.

THE EDWARD HITCHCOCK FELLOWSHIP

Of five hundred dollars, was founded by the late Mrs. Frank L. Babbott of Brooklyn, N. Y., to promote graduate study in the department of physical education. Its object is to make the student familiar with the best methods of physical training, both in the gymnasium and on the field. The appointment is made by the Faculty.

THE SOUTH END HOUSE FELLOWSHIP

Of five hundred dollars, is provided by alumni of Boston and vicinity. The incumbent is in residence one year at the South End House, Boston, for the purpose of investigating social conditions and rendering service according to the methods of a university settlement. The appointment is made by the Trustees of the College.

Honors

COMMENCEMENT EXERCISES

THE six Seniors who have attained the highest general standing are appointed to deliver orations on Commencement day. The Bond prize of one hundred dollars is awarded to the speaker who delivers the best oration.

THE PHI BETA KAPPA SOCIETY

Those who at the end of the first semester of Junior year have attained a general standing of 90 or more on the scale of one hundred, are, on recommendation of the Faculty, elected members of the Phi Beta Kappa Society. Those who after the first semester of Senior year attain a general standing of 88 or more are, on recommendation of the Faculty, elected members of the society.

President: PROFESSOR GEORGE D. OLDS, LL.D.

Corresponding Secretary: PROFESSOR LEVI H. ELWELL, M.A.

Recording Secretary: MR. ERNEST L. EARLE, '09.

FINAL HONORS AT GRADUATION

Final honors in a single department of study are awarded for special work involving collateral reading or investigation under the following conditions: —

(1) The candidate must complete the last four semester-courses. The three semester-courses in Modern Government may be

grouped with one semester in History, Philosophy, or Economics, in which a standing of eighty must be maintained. In History the Junior courses 3 and 4 or 5 and 6 may be reckoned as two of the last four courses. In Botany a year of Biology is required in addition to the special requirements in Botany. The special work of collateral reading or investigation is to be done in the last two courses. No student may be a candidate in more than one department, except by vote of the Administration Committee.

(2) The candidate must have at graduation an average standing of not less than eighty in all studies of the college course; a standing of not less than seventy-five in every study of Senior year, and of ninety in the last year of study in the department in which the honor is sought.

(3) The proficiency of the candidate is tested by special examination or by a thesis, or by both, at the end of Senior year.

(4) Notice of intention to become a candidate must be given to the Registrar by October 10 of the Senior year.

(5) One unit is added to the total average rank of a student who takes final honors. If honors are taken in more than one department, only one unit is added.

(6) The names of successful candidates are announced at Commencement and in the annual catalogue.

HONORABLE MENTION

(1) There must be a standing of not less than seventy-five in every department for the year.

(2) An average of ninety-three must be maintained for a full year's course in the department in which honorable mention is sought.

Honorable mention in Physiology is given to any student who, in addition to the special requirements in that subject, has completed during the year one semester of Biology, and has maintained an average of 93 in the two subjects.

The names of those who have honorable mention are announced in the annual catalogue.

Prizes

The following prizes are offered annually for proficiency in the work of several departments of collegiate study: —

GREEK

The Hutchins Prize, of fifty dollars, to the best scholar in Greek at the end of the Junior year, given by the late Waldo Hutchins of the class of 1842. The scholarship is determined chiefly by the regular recitations and examinations of the department, but special studies and examinations may also be required of the candidates.

LATIN

The Bertram Prizes, two of fifty dollars each, given by the late John Bertram of Salem. For the year 1908-1909 one prize will be awarded to that Senior who, together with attaining a high average in the work of course 7, shall present the best essay on the philosophical, ethical, or poetical elements in the *De Rerum Natura* of Lucretius. The other prize will be awarded to that Senior who, together with general excellence in the daily work of Course 9, shall show the best command of Latin composition in a short sketch of Cicero's life and activities.

The Junior Prizes, of forty and of twenty dollars for the highest scholarship in the Latin of the Junior year; special work or special examinations may be required.

The Billings Prizes, of thirty and of twenty dollars, given by the late Parmly Billings of the class of 1884, for general excellence in the work of the Sophomore year, together with the best essays on special topics connected with the study of Catullus, Tacitus, and Pliny the Younger.

The Freshman Prizes, of twenty-five and of fifteen dollars, for the highest scholarship in the Latin of Freshman year. The award will

be determined by a special examination on the work of the year, together with the reading at sight of passages from Cicero, Livy, and Horace, and by the writing of a short essay in Latin.

ENGLISH

The Kellogg Prizes, one of fifty dollars to a member of the Sophomore class, and one of fifty dollars to a member of the Freshman class, given by the late Rufus B. Kellogg of the class of 1858, for excellence in declamation.

The Hardy Prizes, of thirty and of twenty dollars, given by the late Alpheus Hardy of Boston, for improvement in extemporaneous speaking.

The Hyde Prize, of one hundred dollars, given by Benjamin D. Hyde of the class of 1894, in memory of his father Henry D. Hyde of the class of 1861, to that member of the Senior class who produces the best oration. Both composition and delivery are considered in making the award.

The Bond Prize, of one hundred dollars, given by the late Ephraim W. Bond of the class of 1841, for the best production spoken on the Commencement stage. The award is determined by the Trustees, or by a committee whom they may appoint.

The Kent Prize in English Literature, of one hundred dollars, given by Daniel Kent of the class of 1875, for the best essay upon one of the following subjects: (1) The Place of Poe in American Literature; (2) The Permanent Value of Matthew Arnold's Criticism; (3) The Poetry of Keats.

The Ladd Prizes, of fifty dollars in books, given by John W. Ladd of Portland, Oregon, to members of the class in public speaking who excel in oratorical composition the first semester of Junior year.

The Armstrong Prizes, of fifty, of thirty, and of twenty dollars in books, given by Collin Armstrong of the class of 1877, in memory of his mother, Miriam Collin Armstrong, to members of the Freshman class who excel in composition.

The Hagen Prize in English Literature, of fifty dollars, given by Winston H. Hagen of the class of 1879. For the year 1908-1909 the

prize will be assigned for the best work in either of the English courses 9 and 10, 15 and 16, together with the best examination upon certain special work.

MATHEMATICS, PHYSICS, AND ASTRONOMY

The Walker Prizes, given by the late William J. Walker of Newport, Rhode Island.

Two prizes, of fifty and of thirty dollars, in the mathematics of the first year.

Two prizes, of eighty and of forty dollars, in the mathematics of the second year.

The award in each case is determined by an examination.

The Porter Prizes, one of twenty dollars, in physics, and one of ten dollars, in astronomy, given by the late Eleazar Porter of Hadl y. These awards are made at the conclusion of the collegiate course, and are determined by the record of all recitations and examinations in these departments.

The A. C. James Prize, of fifty dollars, in navigation.

NATURAL SCIENCE

The Shepard Mineralogical Prizes, of mineralogical specimens, valued respectively at fifteen, eight, six, and five dollars, given by the late Professor Charles U. Shepard of the class of 1824 to members of the Senior class in mineralogy.

The Sawyer Prize, a gold medal of the value of fifty dollars, given by the late Edmund H. Sawyer, of Easthampton, for the best work in human anatomy and physiology.

The A. Lyman Williston Prizes, of fifteen and of ten dollars, given by A. Lyman Williston, of Northampton, to those members of the Freshman class who take the best series of lecture notes in the course on personal hygiene.

THE PORTER ADMISSION PRIZE

The Porter Admission Prize, of fifty dollars, given by the late Eleazar Porter, of Hadley, to the candidate who passes the best examination

for admission to the Freshman class. The name of the successful candidate, together with that of his school or of the instructor with whom he prepared for college, is published in the catalogue.

OTHER PRIZES

The Leland Prize, of one hundred dollars, given by Dr. George A. Leland of the class of 1874, to the class which, during the year, shall most faithfully discharge its duties in the gymnasium, and carry out most fully the instructions of the Professor of Hygiene.

The Ladd Prizes, the sum of one hundred dollars, given by William M. Ladd of the class of 1878, to be divided among undergraduate members of the College, for excellence in heavy gymnastic exercises at the annual exhibition.

The Woods Prize, of sixty dollars, given by the late Josiah B. Woods of Enfield, for general culture and improvement. This prize is awarded at the conclusion of the course.

Dante Prize, of one hundred dollars, is offered annually by the Dante Society of America for the best essay by a student, or graduate of not more than three years' standing, on a subject drawn from the Life or Works of Dante. Competition for the prize is open to students and graduates of any college or university of the United States. Detailed information in regard to rules of competition and choice of subjects may be obtained from the Department of Romance Languages.

The Class-of-1884 Prize, of fifty dollars, to the class that excels in the singing of college songs. The contest occurs on the campus in June, when the four classes sing in turn.

Scholarships and Beneficiary Aid

THE beneficiary funds of the College aggregate three hundred thousand dollars. Except as otherwise provided by the donors, the income of these funds is distributed annually by a committee of the Faculty, among students of high character and good scholarship who need pecuniary aid.

Aid from beneficiary funds is given only to students who maintain a high standard of honor, who have no delinquency in any subject, whose average rank is not below seventy per cent., whose habits are economical, and who are candidates for a degree.

Awards are paid in two instalments, on October 1 and March 1, when college term-bills are due. The second instalment is payable only on condition that there is no delinquency at the end of the first semester.

Applicants for scholarships in the three upper classes must file at the Registrar's office before October 1 a statement of their resources for the academic year, together with two letters of recommendation giving evidence of their need, attainments, and character.

Applicants for the renewal of scholarships must present an account of their expenditures and income for the preceding year.

A limited number of applicants may be assured of scholarship awards before entering college. Blanks for application may be obtained of the Registrar, and, when filled out by the applicant, must be accompanied by two letters concerning need, character, and attainments, one letter from his parent or guardian, and one from his principal or a teacher. Awards are not payable unless the applicant is free from entrance conditions.

Scholarships are of three grades; eighty, ninety-five, and one hundred and ten dollars annually. Scholarships of eighty dollars are awarded to students whose standing is C (70 to 80); of ninety-five dollars to students whose standing is B (80 to 90); of one hundred and ten dollars, the amount of tuition, to students whose standing is A (90 to 100). Beginning with the class which enters in 1909 there will be an increase in scholarship awards corresponding to the increase in tuition fee (see page 106). There are four scholarships of one hundred dollars, and four of one hundred and ten dollars, which are not subject to the above conditions, except that a standing of not less than 70 shall be maintained. Those who intend to enter the Christian ministry receive awards of full tuition.

Awards are made from the income of the following funds: —

The Charitable Fund, \$90,000, primarily in aid of those studying for the Christian ministry. Any surplus income may be awarded to other students in the classical course.

The Stone Educational Fund, \$25,000.

The Class of 1871 Scholarship Fund, \$25,000, established by a member of the Class.

The William Hilton Scholarship Fund, \$17,500, the bequest of William Hilton of Boston.

The Whitcomb Scholarship Fund, \$12,000, established by David Whitcomb and G. Henry Whitcomb of Worcester.

The Hitchcock Scholarship Fund, \$10,000, established by Samuel A. Hitchcock of Brimfield.

The John E. Sanford Class-of-1851 Scholarship Fund, \$10,000 established by John E. Sanford of Taunton.

The Emerson Gaylor Scholarship Fund, \$6000, the bequest of Emerson Gaylor of Chicopee. Preference is given to graduates of the Chicopee High School.

The Day Benevolent Fund, \$5000, the bequest of Moses Day of Boston.

The Seymour Scholarship Fund, \$5000, the bequest of James S. Seymour of Auburn, New York.

- The Harry Wilbur Scholarship Fund**, \$5000, established by his parents in memory of Harry L. Wilbur of the Class of 1884.
- The Farnsworth Scholarship Fund**, \$3000, established by Isaac D. Farnsworth of Boston.
- The Knowles Scholarship Fund**, \$3000, the bequest of Lucus J. Knowles of Worcester.
- A Scholarship Fund**, \$3000, established by a friend of the College.
- The Reed Scholarship Fund**, \$2500, the bequest of Charles Thayer Reed of Boston, in memory of his son, Charles Thayer Reed, Jr.
- The Harold Ely Morse Memorial Scholarship Fund**, \$2500, established by the family of Professor Anson D. Morse.
- The Class of 1877 Scholarship Fund**, \$2500, established by the Class.
- The Persian Scholarship Fund**, \$2000, the bequest of Rev. James L. Merrick of Amherst.
- The Charles Merriam Scholarship Fund**, \$2000, established by Charles Merriam of Springfield.
- The Quincy Tufts Scholarship Fund**, \$2000, the bequest of Quincy Tufts of Boston.
- The Henry Gridley Class-of-1862 Scholarship Fund**, \$2000, established by the class in memory of their classmate whose name it bears.
- The Henry H. Goodell Class-of-1862 Scholarship Fund**, \$2000, established by the Class in memory of their classmate whose name it bears.
- The Borden Scholarship Fund**, \$2000, the bequest of Samuel Augustus Borden of Boston.
- The Anderson Scholarship Fund**, \$2000, the bequest of Samuel Augustus Borden of Boston.
- The W. Eugene Kimball Scholarship Fund**, \$2000, established by Robert J. Kimball of Brooklyn, New York.
- The Morse Scholarship Fund**, \$2000, established by Charles L. Morse of the class of 1901.
- The Draper Scholarship Fund**, \$2000, established by Warren F. Draper of the class of 1847.
- The Class of 1855 Scholarship Fund**, \$1100, established by the Class.
- The Alexander H. Bullock Scholarship Fund**, \$1500, established by Alexander H. Bullock of the Class of 1836.
- The Class of 1836 Scholarship Fund**, \$1500, established by the Class.
- The Class of 1853 Scholarship Fund**, \$1500, established by the Class.
- The Class of 1871 Scholarship Fund**, \$1400, established by the Class.

The Class of 1826 Scholarship Fund, \$500, established by two members of the Class.

The Class of 1860 Scholarship Fund, \$2200, established by the Class.

Scholarship funds of \$1000 each as follows:—

The Levi Russell Scholarship Fund, established by Levi Russell of Hadley.

The Tuttle Scholarship Fund, the bequest of Mrs. Sarah Tuttle of Wayland.

The George Cook Scholarship Fund, established by George Cook of the Class of 1841.

The Enos Dickinson Scholarship Fund, established by Enos Dickinson of Amherst.

The John C. Newton Scholarship Fund, established by John C. Newton of Worcester.

The James H. Newton Scholarship Fund, established by James H. Newton of Holyoke.

The Johnson Class-of-1823 Scholarship Fund, established by A. J. Johnson of New York City.

The Southworth Class-of-1822 Scholarship Fund, established by Wells Southworth of New Haven, Connecticut.

The Joseph Carew Scholarship Fund, established by Joseph Carew of South Hadley.

The Gregory Class-of-1850 Scholarship Fund, established by James J. H. Gregory of Marblehead.

The Dolly Coleman Blake Scholarship Fund, the bequest of Dolly Coleman Blake of Boston.

The Miller Scholarship Fund, established by Mrs. S. P. Miller of Montclair, New Jersey, in memory of her son, J. C. B. Miller of the Class of 1869.

The Green Scholarship Fund, the bequest of Rev. Henry Solomon Green of the Class of 1834, as a memorial gift from himself and H. M. Green of the Class of 1865.

The Thomas Hale Scholarship Fund, established by Mrs. Alice T. March of Newburyport.

The Mary W. Hyde Scholarship Fund, the bequest of Mary W. Hyde of Boston.

The Sarah B. Hyde Scholarship Fund, the bequest of Sarah B. Hyde of Boston.

The W. S. Tyler Class-of-1830 Scholarship Fund, the bequest of Professor William Seymour Tyler of Amherst.

The Class Scholarship Funds, established by and bearing the names, respectively, of

The Class of 1831	The Class of 1852	The Class of 1858
The Class of 1839	The Class of 1855	The Class of 1861
The Class of 1845	The Class of 1856	The Class of 1865
The Class of 1849	The Class of 1857	The Class of 1869

The Composite Scholarship Fund, established jointly by the following Classes: —

The Class of 1829	The Class of 1838	The Class of 1867
The Class of 1835	The Class of 1866	The Class of 1870

The Emily B. Ripley Scholarship Fund, the bequest of Emily B. Ripley of Royalston.

Funds yielding the following amounts annually: —

The Moore Scholarships, four of \$140 each, established by Rev. Zephaniah Swift Moore, D.D., first president of the College.

The State Scholarships, three of \$110 each, covering full tuition.

The Adams Scholarships, three of \$40 each, the bequest of Asahel Adams of North Brookfield.

The following scholarships maintained by annual gifts:—

The Sayles Scholarship, \$100, given by Fred Thomas Sayles of the Class of 1881.

The A. Lyman Williston Scholarship, \$50, given by A. Lyman Williston of Northampton.

Student Loan Fund

THROUGH the liberality of a friend of the College, provision is made for loans of a limited amount to a few students in the later years of the course, at a low rate of interest, upon notes acceptably endorsed and payable one or two years after graduation. The conditions made by the donor of this Fund limit its use to the assistance of students of thorough scholarship who are not preparing for the ministry, and whose habits of expenditure are economical.

A second fund provides for loans to students on similar terms, except that students for the ministry are not excluded.

Publications

THE annual catalogue is issued in December and is sent to all the alumni of the College, to all schools from which students are received, and to any who ask for it.

An address list of living alumni is issued once in two years.

A record of graduates deceased during each year is issued Commencement week.

STUDENT PUBLICATIONS

The Y. M. C. A. Handbook, published and distributed annually by the Christian Association, contains information chiefly useful to new students.

A semi-weekly paper, *The Amherst Student*, containing college news, account of games, notices of alumni, and discussion of college affairs, is issued by an editorial board of students.

The Literary Monthly, conducted by students, contains essays, poems, stories, and book notices.

The Olio, published annually by the Junior class, contains names of the members of fraternities, of officers and members of athletic, musical, literary, and dramatic organizations, of students receiving prizes and honors, and various matters of interest to the College.

Alumni Associations

The Society of the Alumni

(Annual Meeting in Commencement Week)

President: Mr. HERBERT L. BRIDGMAN, '66

Vice-Presidents:

Professor EDWIN A. GROSVENOR, '67

Rev. ROBERT M. WOODS, '69

Mr. COLLIN ARMSTRONG, '77

HENRY P. FIELD, Esq., '80

Mr. JOHN P. CUSHING, '82

Mr. GEORGE B. MALLON, '87

Secretary and Treasurer:

Professor THOMAS C. ESTY, '93, Amherst.

Chairman of Committee on Alumni Trustees:

Mr. DANIEL F. KELLOGG, '86

Executive Committee:

Dr. EDWARD HITCHCOCK, '49

WALTER M. HOWLAND, Esq., '63

HENRY P. FIELD, Esq., '80

Professor JOSEPH O. THOMPSON, '84

Mr. ARTHUR CURTISS JAMES, '89

Mr. OLIVER B. MERRILL, '91

Mr. HERBERT L. PRATT, '95

Mr. ROBERT B. METCALF, '96

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129

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The Boston and Maine Railroad (Central Massachusetts division), between Boston and Northampton, passes through Amherst.

The Central Vermont Railroad, connecting at Palmer with the Boston and Albany Railroad, passes through Amherst.

There are electric street railways from Amherst to Northampton, Holyoke, Sunderland, and Pelham.

SPECIAL RAILROAD RATES AT COMMENCEMENT

The College expects to be able to secure special railroad rates on the certificate plan for those who attend the exercises of the Commencement season. Information concerning this matter can be obtained in May or June from secretaries of classes and alumni associations.

INFORMATION

All requests for information should be addressed to the Registrar, Walker Hall, Amherst, Mass.

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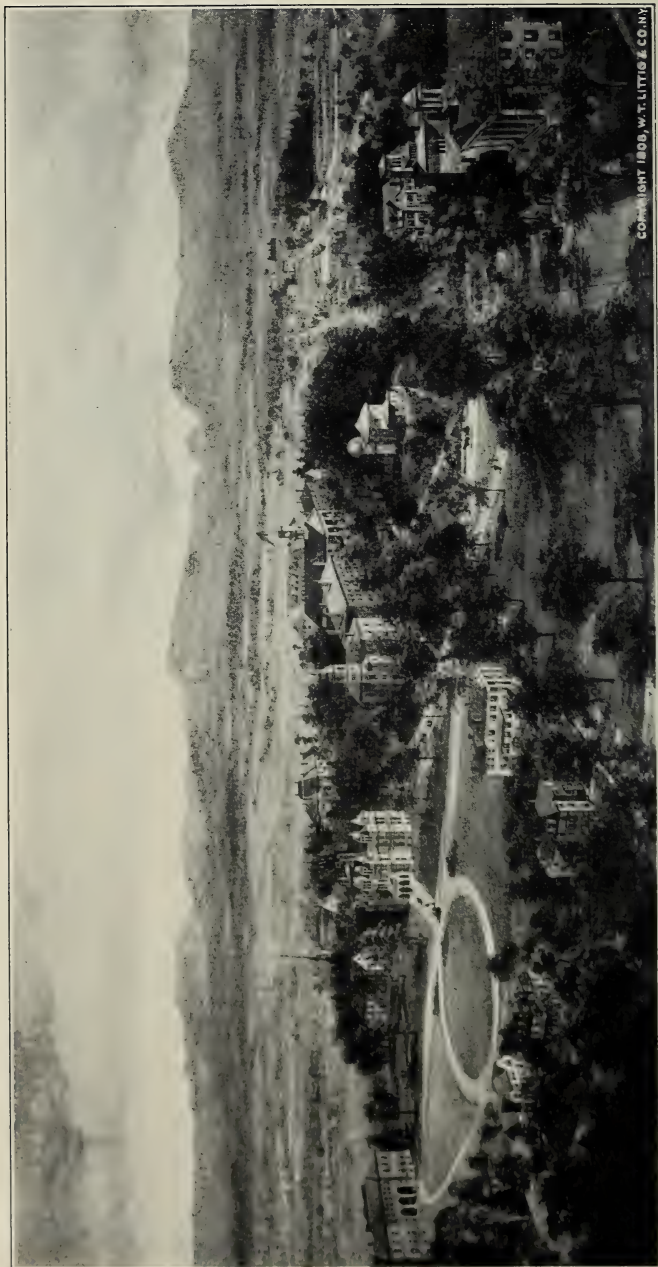


Amherst College Catalogue



1909-1910

AMHERST COLLEGE CATALOGUE



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Amherst College Catalogue

For the Year
1909-1910



Amherst ❁ Massachusetts

Published by the College

1909

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College Calendar

1909

September	23, Beginning of the College Year	11.30 A.M. Thursday
October	7, Mountain Day, a holiday	Thursday
November	25-26, Thanksgiving Recess	12.20 P.M. Wed.—2.00 P.M. Fri.
December	22, Christmas Recess begins	4 P.M. Wednesday

1910

January	6, Christmas Recess ends	8.15 A.M. Thursday
February	1-9, Semi-annual Examinations	

February	10, Second Half-Year begins	Thursday
February	13, Day of Prayer for Colleges	Sunday
February	22, Washington's Birthday, a holiday	Tuesday
March	9, Ladd and Leland Gymnastic Exhibition	Wednesday
March	23, Spring Recess begins	12.20 P.M. Wednesday
April	5, Spring Recess ends	2 P.M. Tuesday
May	30, Memorial Day	Monday
June	13-16, Senior Examinations	
June	17-24, Semi-Annual Examinations	
June	20-25, Examinations for admission	Monday to Saturday
June	26, Baccalaureate Sermon	Sunday
June	27, Kellogg Prize Declamations	Monday evening
June	28, Class Day	Tuesday
June	28, President's Reception	Tuesday afternoon
June	28, Hyde Prize Orations	Tuesday evening
June	29, Commencement Exercises	Wednesday morning
June	29, Alumni Dinner	Wednesday afternoon

SUMMER VACATION OF TWELVE WEEKS

September	16-21, Examinations for admission	Friday to Wednesday
September	22, Beginning of the College Year	11.30 A.M. Thursday
December	21, Christmas Recess begins	4 P.M. Wednesday

Organization

AMHERST COLLEGE was opened September 19, 1821, and forty-seven students were then admitted into the four regular classes. Its charter, received February 21, 1825, confers upon the Corporation the right to perpetuate itself, together with the privileges usually granted to the trustees of such institutions. It provides that the number of trustees shall never be greater than seventeen, seven of whom shall be clergymen and ten laymen, and that the five vacancies first occurring shall thenceforth be filled by the joint ballots of the Legislature of Massachusetts, in convocation of both Houses. This provision was maintained for nearly fifty years, until the Legislature, by an Act passed, and approved by the Governor April 28, 1874, conferred the power of filling these five vacancies upon the Alumni, by whom it is now exercised in accordance with rules adopted by the Board of Trustees in concurrence with the Society of the Alumni. The corporate name of the Institution is "The Trustees of Amherst College."

The general government of the College is vested in the Board of Trustees. Its immediate direction is vested in the Faculty, who are empowered by the Trustees to determine the topics and order and method of study, and to make such rules as may be deemed necessary for the best regulation of the College.

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19 Main St.
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4 Northampton Road
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25 North Prospect St.
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25 Woodside Ave.
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4 Tyler Place
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54 North Pleasant St.
- ROBERT STILLMAN FLETCHER, B.A., *Assistant Librarian*
15 Gaylord St.
-
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Committees of the Faculty

Administration: The PRESIDENT, Professors KIMBALL, COWLES, TYLER, OLDS, HOPKINS, ESTY.

Instruction: The PRESIDENT, Professors KIMBALL, SMITH, CHURCHILL, ESTY, CROOK, EASTMAN, F. L. THOMPSON.

Library: The PRESIDENT, Professors COWLES, CHURCHILL, NEWLIN, GALLINGER, LOOMIS, EASTMAN, the TREASURER.

Catalogue: The PRESIDENT, Professors HITCHCOCK, SMITH, UTTER.

Entrance Examinations: Professors COWLES, KIMBALL, ESTY, CHURCHILL, ELWELL, HOPKINS, EASTMAN, BAXTER, GALLINGER, the REGISTRAR.

Certificate Privilege: The PRESIDENT, Professors CHURCHILL, EMERSON, ELWELL.

Scholarships: The PRESIDENT, Professors HITCHCOCK, SMITH, EASTMAN.

Student Loan Fund: The PRESIDENT, Professor TODD, the TREASURER.

Public Exhibitions: The PRESIDENT, Professors HITCHCOCK, GROSVENOR, ESTY, LOOMIS, F. L. THOMPSON.

Commencement: Professors HITCHCOCK, TODD, the TREASURER.

Degree of Master of Arts: Professors GENUNG, CROOK, ELWELL.

Alumni Teachers' Exchange: Professors TYLER, CHURCHILL, J. O. THOMPSON, the REGISTRAR.

Athletic Board: Faculty members; Professors HITCHCOCK, PHILLIPS, ESTY, F. L. THOMPSON, CROOK.

Advisers: Professors TYLER, COWLES, KIMBALL, SMITH, CHURCHILL, ESTY, BIGELOW, HOPKINS, CROOK, LOOMIS, ELWELL, GALLINGER, NEWLIN, EASTMAN, F. L. THOMPSON, BAXTER, GALPIN, LANCASTER, MANTHEY-ZORN, UTTER, Mr. PARKER, Mr. COBB.

College Preachers 1908-1909

Rev. HERBERT A. JUMP	-	-	-	New Britain, Conn.
Pres. ALBERT P. FITCH, D.D.	-	-	-	Cambridge, Mass.
Pres. HOWARD S. BLISS	-	-	-	Beirut, Syria
Rev. EDWARD SANDERSON	-	-	-	Providence, R. I.
Rev. LYMAN ABBOTT, D.D.	-	-	-	New York City
Rev. WILLIAM E. BARTON, D.D.	-	-	-	Oak Park, Ill.
Rev. H. ROSWELL BATES	-	-	-	New York City
Pres. WM. D. MCKENZIE, D.D.	-	-	-	Hartford, Conn.
Rev. FRANK J. GOODWIN	-	-	-	Pawtucket, R. I.
Prof. HENRY H. TWEEDY	-	-	-	New Haven, Conn.
Rev. HARRY E. FOSDICK	-	-	-	Montclair, N. J.
Rev. E. H. BYINGTON	-	-	-	Beverly, Mass.
Rev. GEORGE A. GORDON, D.D.	-	-	-	Boston, Mass.
Dean W. L. ROBBINS, D.D.	-	-	-	New York City
Rev. JAY T. STOCKING	-	-	-	Newtonville, Mass.
Rev. HARRY P. DEWEY, D.D.	-	-	-	Minneapolis, Minn.
Rev. JOHN T. STONE, D.D.	-	-	-	Chicago, Ill.
Rev. ROCKWELL H. POTTER	-	-	-	Hartford, Conn.
Rev. J. ROSS STEVENSON, D.D.	-	-	-	Baltimore, Md.
Rev. NEHEMIAH BOYNTON, D.D.	-	-	-	Brooklyn, N. Y.
Rev. JOHN S. ZELIE, D.D.	-	-	-	Plainfield, N. J.
Rev. JOHN H. DENISON	-	-	-	Boston, Mass.
Rev. HENRY A. STIMSON, D.D.	-	-	-	New York City
Prof. JAMES E. FRAME	-	-	-	New York City
Rev. F. BOYD EDWARDS	-	-	-	Brooklyn, N. Y.
Rev. CHARLES S. LANE	-	-	-	Mt. Vernon, N. Y.
Rev. HENRY E. COBB, D.D.	-	-	-	New York City
Prof. DICKINSON MILLER	-	-	-	New York City
Rev. CORNELIUS H. PATTON, D.D.	-	-	-	Boston, Mass.

President HARRIS and Professor GENUNG

Fellows and Resident Graduates

PRESERVED SMITH, PH.D., *Rufus B. Kellogg University*
Fellow Berlin, Germany

ALBERT JESSE LOVELEE, B.A., *Roswell Dwight Hitchcock*
Memorial Fellow Cambridge, Mass.

CURRY STARR HICKS, B.P.D., *Edward Hitchcock Fellow*
4 North Prospect St.

RICHARD MITCHELS NEUSTADT, B.S., *South End House*
Fellow Boston, Mass.

STODDARD LANE, B.A., A Δ Φ House

Senior Class

The letter s after the name of a student indicates that he is a special student.

Adler, Frederic Emanuel	<i>Milwaukee, Wis.</i>	8 Nash Block
Alling, Robert Babson	<i>Riverside, Ill.</i>	Φ Δ Θ House
Amos, Lindsay Cline	<i>Utica, N. Y.</i>	A Δ Φ House
Atwood, Alfred Loranus	<i>Norwood, Mass.</i>	Φ K Ψ' House
Avery, Henry Lawrence	<i>Charlemont, Mass.</i>	Φ K Ψ' House
Baldwin, Edward	<i>Cincinnati, Ohio</i>	B Θ II House
Barney, Earle Alvah	<i>Greenfield, Mass.</i>	Σ Δ P House
Beaman, Ralph Heckman	<i>Princeton, Mass.</i>	Φ K Ψ' House
Bedford, Edward Thomas, 2nd	<i>Brooklyn, N. Y.</i>	5 Parsons St.
Bisbee, Joseph Bartlett, Jr.	<i>Poughkeepsie, N. Y.</i>	A Δ Φ House
Boynton, Arthur Boardman	<i>New York, N. Y.</i>	Φ Γ Δ House
Boynton, Morrison Russell	<i>Brooklyn, N. Y.</i>	X Φ House
Brownell, Joseph Dan	<i>Westfield, Mass.</i>	11 South Prospect St.
Bullard, Rockwood	<i>Medford, Mass.</i>	X Φ House
Burnett, George Brinton, Jr.	<i>Amherst, Mass.</i>	Φ Γ Δ House
Carter, Harold Sims	<i>Brooklyn, N. Y.</i>	19 Amity St.
Clark, William Evans	<i>New York, N. Y.</i>	Old A Δ Φ House
Collins, Earl King	<i>Homer, N. Y.</i>	1 College Ave.
Corey, Harris Lorenzo	<i>Toledo, Ohio</i>	Δ Y House
Cornell, Joseph Delmonte	<i>East Orange, N. J.</i>	Ψ' Y House
Cragin, Horace Stuart	<i>Brooklyn, N. Y.</i>	12 Woodside Ave.
Daniels, Carroll Salem	<i>Grand Rapids, Mich.</i>	Δ Y House
DeGroot, Mitchell Benjamin	<i>Troy, N. Y.</i>	14 Nash Block
Draper, Walter Dillaway	<i>Brooklyn, N. Y.</i>	9 Spring St.
Drewsen, Pierre	<i>Brooklyn, N. Y.</i>	Θ Δ X House
Emrie, Daniel Edwin	<i>Springfield, Ohio</i>	B Θ II House
Fancher, Paul Adeo	<i>Glen Cove, N. Y.</i>	Ψ' Y House
Farrier, Edward	<i>Brooklyn, N. Y.</i>	Δ K E House
Fenton, Ira Ellsworth	<i>South Hadley Falls, Mass.</i>	
Fink, John Scott	<i>Irwin, Pa.</i>	Δ K E House
Fleck, Harry Deegan	<i>New York, N. Y.</i>	Φ Γ Δ House
Francis, Clarence	<i>Port Richmond, N. Y.</i>	Δ Y House

Gardner, Raymond Foster	Chester, N. J.	27 South College
Goddard, William Otis	Abington, Mass.	K Θ House
Goodnow, Weston Whitney	New York, N. Y.	X Ψ Lodge
Hall, Bartow Harwood	Colorado Springs, Colo.	A Δ Φ House
Hamlin, Talbot Faulkner	New York, N. Y.	B South College
Harris, Benjamin Lawrence	Olean, N. Y.	12 South College
Harris, Herbert Bennett	Cambridge, Mass.	Σ Δ P House
Heath, Louis Jay	Cortland, N. Y.	Φ K Ψ House
Henry, John Park	Amherst, Mass.	Θ Δ X House
Holden, Harry Dewey	Mamaroneck, N. Y.	Σ Δ P House
Hood, Robert Huntley	Corning, N. Y.	B Θ II House
Howard, John Danielson s	Providence, R. I.	Ψ Y House
Hudson, Charles John	Clinton, Mass.	Physics Laboratory
Jacobus, Graham Bentley	Thomaston, N. Y.	14 Nash Block
Jewett, Charles Harvey	Canandaigua, N. Y.	A Δ Φ House
Johnson, Roger Arthur	Amherst, Mass.	11 South Prospect St.
Johnston, Stewart Shurtleff	Oak Park, Ill.	B Θ II House
Jube, Albert Riordan	Brooklyn, N. Y.	X Φ House
Keator, Alfred Decker	Accord, N. Y.	1 College Ave.
Keim, John Howard	New York, N. Y.	27 South College
Keith, James Perkins	Brockton, Mass.	X Φ House
Kellogg, William Raymond	Katonah, N. Y.	19 South College
Kendrick, Raymond Holmes	Springfield, Mass.	X Φ House
Kennedy, Ollo Alson	Hardwick, Mass.	30 North Prospect St.
Knight, Frederick Sylvester	New York, N. Y.	Σ Δ P House
Ladd, William Sargent	Portland, Ore.	Old A Δ Φ House
Lawton, Ernest James	Athol, Mass.	Φ Γ Δ House
McClure, Lawrence Ledwith	Wayne, W. Va.	Φ Δ Θ House
MacInnis, Murdock Norman	Gloucester, Mass.	Σ Δ P House
McMartin, Daniel Cole	Des Moines, Iowa	X Ψ Lodge
Marsh, William Rolfe	Pipestone, Minn.	Σ Δ P House
Marston, Clyde Bradley	Campello, Mass.	Σ Δ P House
Merchant, Mylon Dickinson	Roxbury, Mass.	Φ Γ Δ House
Millar, Clifford Warner	Athol, Mass.	Σ Δ P House
Mitchell, Abraham, Jr.	Riverside, Ill.	X Ψ Lodge
Morrison, Stuart Ten Broeck	Red Hook, N. Y.	A Δ Φ House
Murray, Robert Cornelius	Herkimer, N. Y.	19 Main St.
Ould, Richard Sheldon	Oswego, N. Y.	10B South College
Poor, Edward Eri, Jr.	Passaic, N. J.	Ψ Y House

Porter, John, Jr.	<i>Montclair, N. J.</i>	Ψ Υ House
Pratt, Sterling Woodford	<i>Towanda, Pa.</i>	X Ψ Lodge
Pratt, Theodore	<i>Brooklyn, N. Y.</i>	A Δ Φ House
Roberts, David Kellogg	<i>Warsaw, N. Y.</i>	6 Spring St.
Rugg, Frank Dickinson	<i>Greenfield, Mass.</i>	X Φ House
Sampson, Benedict Hubbard	<i>Chicago, Ill.</i>	9 Spring St.
San Souci, Paul Aloysius	<i>Providence, R. I.</i>	K Θ House
Schellenberg, Bertram Charles	<i>Brooklyn, N. Y.</i>	Φ Δ Θ House
Seligman, Eustace Joseph	<i>New York, N. Y.</i>	Θ Δ X House
Shoop, Max Pardoe	<i>Rochester, N. Y.</i>	A Δ Φ House
Sullivan, Francis Owen	<i>Cortland, N. Y.</i>	Φ K Ψ House
Sumpf, Charles Russell	<i>Naugatuck, Conn.</i>	Δ Υ House
Swalley, John Frederick	<i>Toledo, Ohio</i>	Φ K Ψ House
Taggart, Bert King	<i>Millers Falls, Mass.</i>	Φ K Ψ House
Taylor, George Bingham	<i>Westboro, Mass.</i>	Φ Γ Δ House
Taylor, John Case s	<i>Chicago, Ill.</i>	5 Parsons St.
Tucker, Kenneth Todd	<i>New York, N. Y.</i>	Φ Δ Θ House
Van Auken, Jared Howell	<i>Adrian, Mich.</i>	12 Spring St.
Wade, David	<i>Amherst, Mass.</i>	14 Maple Ave.
Warner, Harold Lawson	<i>Brooklyn, N. Y.</i>	Δ K E House
Warner, John Birchard	<i>Brooklyn, N. Y.</i>	19 South College
Wei, Wen Pin	<i>Pekin, China.</i>	Snell St.
West, William Taylor, Jr.,	<i>Roselle, N. J.</i>	A Δ Φ House
Wetmore, Lansing Southworth	<i>Rochester, N. Y.</i>	Ψ Υ House
Wheeler, Raymond Parks	<i>Hartford, Conn.</i>	B Θ II House
Whicher, George Frisbie	<i>Middle Haddam, Conn.</i>	Θ Δ X House
Wight, John Claffin	<i>Brooklyn, N. Y.</i>	K Θ House
Williams, Frederic Edwards	<i>Belleville, N. Y.</i>	Φ Γ Δ House
Wilsie, Raymond Hastings	<i>Cortland, N. Y.</i>	4 North Prospect St.
Woodward, Harold Edward	<i>Worcester, Mass.</i>	Θ Δ X House
Wortman, Elbert Brinckerhoff		
Monroe	<i>East Orange, N. J.</i>	Δ Υ House

Junior Class

Abbot, Frank Prentice, Jr.	<i>Brooklyn, N. Y.</i>	B Θ Π House
Abele, Richard Peter	<i>Zanesville, Ohio</i>	Δ Υ House
Albree, George Norman	<i>Swampscott, Mass.</i>	X Ψ Lodge
Altschul, Justin August	<i>Dayton, Ohio</i>	Σ Δ P House
Ashley, John Porter	<i>Deerfield, Mass.</i>	15 Spring St.
Babbage, Lawrence Washburn	<i>Glen Ridge, N. J.</i>	Θ Δ X House
Babcock, William James	<i>Rochester, N. Y.</i>	X Ψ Lodge
Ballard, Clifford Bateman	<i>Cleveland, Ohio</i>	Δ K E House
Barnum, William Newton	<i>Brooklyn, N. Y.</i>	Δ K E House
Bates, Lloyd	<i>Portland, Ore.</i>	X Φ Annex
Beckwith, Carleton Burwell	<i>Brooklyn, N. Y.</i>	Φ Δ Θ House
Belden, Carroll Reed	<i>Omaha, Neb.</i>	B Θ Π House
Birdsall, Lawrence Edgar	<i>Philadelphia, Pa.</i>	29 North Prospect St.
Bowen, Carl Kenneth	<i>Bellows Falls, Vt.</i>	Φ K Ψ House
Boyer, William Edward	<i>Somersworth, N. H.</i>	Φ K Ψ House
Brainerd, George Winthrop	<i>Holyoke, Mass.</i>	X Φ Annex
Bravo, Hylton Logan	<i>Newton Centre, Mass.</i>	Φ K Ψ House
Bristol, Raymond Moreau	<i>Brooklyn, N. Y.</i>	Φ Γ Δ House
Bryan, William Craig	<i>New York, N. Y.</i>	Φ Γ Δ House
Buck, Malcolm Rodney	<i>Reading, Mass.</i>	X Φ Annex
Campbell, Charles Colfax	<i>Hackensack, N. J.</i>	Φ Γ Δ House
Cary, Frank	<i>Kyoto, Japan</i>	K Θ House
Chapin, Chester Fisher	<i>Montclair, N. J.</i>	A Δ Φ House
Chapman, Charles Hyde	<i>Rutland, Vt.</i>	Ψ Υ House
Clarke, Alfred Henry	<i>Portland, Ore.</i>	B Θ Π House
Connor, Wayne Everett	<i>New York, N. Y.</i>	19 Amity St.
Cooke, Thomas Skidmore	<i>Fredonia, N. Y.</i>	Φ Δ Θ House
Corry, William Francis	<i>Montpelier, Vt.</i>	Θ Δ X House
Corwin, Merton Polydore	<i>Cortland, N. Y.</i>	Φ K Ψ House
Cranshaw, Harold Brown	<i>Providence, R. I.</i>	B Θ Π House
Creesy, Morton Ray	<i>Beverly, Mass.</i>	K Θ House
Crittenden, Edmund Kearsley	<i>Brooklyn, N. Y.</i>	A Δ Φ House
Dall, William Brand, Jr.	<i>Brooklyn, N. Y.</i>	19 Amity St.

Junior Class

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Davis, Arthur Lorenzo	Ware, Mass.	19 Amity St.
Delatour, Beeckman Jousseaum	Brooklyn, N. Y.	B Θ II House
Doolittle, William Pitt Shear- man	Utica, N. Y.	Ψ Y House
Dozier, Lewis David, Jr.	St. Louis, Mo.	Δ K E House
Ehrgood, Allen Harry	Lebanon, Pa.	Ψ Y House
Elder, Frank Rose	Amherst, Mass.	8 Triangle St.
Fairbank, Alan Melvin	Ahmednagar, India	B Θ II House
Fish, Gordon Thorn	Newark, N. J.	15 Spring St.
George, Robert Hudson	Brookline, Mass.	X Ψ Lodge
Gormley, Arthur Spain	Chicago, Ill.	Φ Δ Θ House
Haven, Erastus Otis	Lake Forest, Ill.	X Ψ Lodge
Haviland, Howard Ross	Brooklyn, N. Y.	Δ Y House
Heermans, George Arthur	Corning, N. Y.	K Θ House
Henofer, Elmer Wilson	West New Brighton, N. Y.	Δ Y House
Hine, Robert Burnett	Overbrook, Pa.	B Θ II House
Jacobs, Paul Cloyd	Lima, Ohio	8 North Prospect St.
Jones, Clayton Berry	Elizabeth, N. J.	Δ K E House
Kane, Thomas Leo	Gardiner, Me.	Θ Δ X House
Keith, Roger	Brockton, Mass.	X Φ House
Kernan, Thomas Francis	Cortland, N. Y.	Φ K Ψ House
Keyes, John Humphrey	Brookline, Mass.	Φ K Ψ House
Kittle, Sherman Crary	Stamford, N. Y.	Physics Laboratory
Lamb, John Jefferson	Worcester, Mass.	Φ Γ Δ House
Levy, Isidor David	Greenfield, Mass.	17 South Prospect St.
Lilienthal, Philip Nettle, Jr.	San Francisco, Cal.	19 Amity St.
Loomis, Hubert Hillhouse	Bedford, Mass.	21 Main St.
Lord, Herbert Gardiner, Jr.	New York, N. Y.	Φ Δ Θ House
Lord, Upton Prentiss	Omaha, Neb.	Δ K E House
McBride, George Henry	East Orange, N. J.	Whitridge Hall
McCague, John Livingston	Omaha, Neb.	X Ψ Lodge
McInerney, John Walter	Adams, Mass.	Φ Γ Δ House
Marsh, Edward Henry	Brooklyn, N. Y.	Tyler Place
Marvin, Campbell	Chicago, Ill.	Δ Y House
Maxson, Edgar Potter	Westerly, R. I.	Δ K E House
Maynard, Harry Hilts	Stamford, N. Y.	Φ Γ Δ House
Miller, Harold Stuart	Amherst, Mass.	35 East Pleasant St.
Morton, Walter Harrison	Worcester, Mass.	Φ Γ Δ House
Myers, Robert Evershed	Rochester, N. Y.	B Θ II House

Parks, George Bruner	Brooklyn, N. Y.	3 Northampton Road
Parks, Ward Jackson, Jr.	Newton Centre, Mass.	Φ K Ψ House
Parsons-Smith, Donald	Toledo, Ohio	X Ψ Lodge
Patterson, Arthur Dunn	Findlay, Ohio	Ψ Y House
Pattison, Arthur Eugene, Jr.	Ridgewood, N. J.	Ψ Y House
Patton, William Weston	Highland Park, Ill.	X Φ House
Paul, Randolph Evernghim	Ridgewood, N. J.	Φ Γ Δ House
Pawley, Thomas Désiré	East Northfield, Mass.	D North College
Pennock, Eugene Ramey	Altoona, Pa.	Δ K E House
Phelps, Alfred Edward	Brooklyn, N. Y.	Prospect House
Pinkett, John Randolph	Washington, D. C.	1 South College
Pohl, Frederick Julius	Brooklyn, N. Y.	Σ Δ P House
Powell, William Baker	Cleveland, Ohio	Ψ Y House
Prince, Stanley Hodgdon	Lexington, Mass.	A Δ Φ House
Radeliffe, Vernon	Brooklyn, N. Y.	X Φ Annex
Riker, Joseph Marsh, Jr.	Newark, N. J.	55 South Pleasant St.
Roberts, Ernest Marion	White Cottage, Ohio	Δ Y House
Roberts, Harold Carrier	Utica, N. Y.	A Δ Φ House
Roberts, Lawrence Winston	Utica, N. Y.	A Δ Φ House
Roby, Horace Edgar	Norwood, Mass.	14 Maple Ave.
Rugg, Charles Belcher	Worcester, Mass.	X Φ House
Sawyer, George Garfield	Hackensack, N. J.	K Θ House
Scandrett, Richard Brown, Jr.	Edgeworth, Pa.	B Θ II House
Scantlebury, Paul Fenwick	Springfield, Mass.	College Library
Seelye, Laurens Hickok	Wooster, Ohio	21 Northampton Road
Shumway, Waldo	Brooklyn, N. Y.	Σ Δ P House
Slayton, George Noyes	Morrisville, Vt.	K Θ House
Smith, Ralph Potter	New London, Conn.	Φ Δ Θ House
Smith, Walter Winthrop	Philadelphia, Pa.	3 Northampton Road
Snow, Charles Freeman	Newtonville, Mass.	25 Pleasant St.
Stearns, Albert Thomas, 2nd	Boston, Mass.	X Ψ Lodge
Stevens, John Hardison	New York, N. Y.	Δ K E House
Stone, William Morrell	Guilford, Conn.	K Θ House
Stott, Frederic William Heaton	Philadelphia, Pa.	Ψ Y House
Thompson, Leighton Sumner	East Weymouth, Mass.	Σ Δ P House
Treadwell, George Ludington	Brookline, Mass.	Φ Δ Θ House
Van Woert, Lee Dutton	Oneonta, N. Y.	Δ Y House
Wakelee, Louis Elmer	Big Flats, N. Y.	X Ψ Lodge
Walbridge, Arthur Hess	Rochester, N. Y.	A Δ Φ House

Junior Class

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Walker, Lewis Brigham	<i>Norwood, Mass.</i>	15 Spring St.
Washburn, William Francis	<i>Brockton, Mass.</i>	X Φ House
Weathers, Brantley Alexander, Jr.	<i>Ocala, Fla.</i>	Ψ Υ House
West, Joseph Thomas	<i>Princeton, Mass.</i>	Φ Γ Δ House
Wheelock, Dexter	<i>Brooklyn, N. Y.</i>	X Φ House
Whitney, Harold Adelbert	<i>Chenango Forks, N. Y.</i>	Φ K Ψ House
Whitten, Edmund Sumner	<i>Holyoke, Mass.</i>	Δ Υ House
Williams, George Way	<i>Rochester, N. Y.</i>	Φ Γ Δ House
Wilson, Leonard Hodges	<i>Waterville, N. Y.</i>	A Δ Φ House
Wood, Lawrence	<i>Monongahela, Pa.</i>	Δ K E House
Woodside, William Stewart	<i>Elmira, N. Y.</i>	Θ Δ X House
Yerrall, George Randall, Jr.	<i>Springfield, Mass.</i>	X Φ House
Young, Donnell Brooks	<i>North Hanover, Mass.</i>	
		8 North Prospect St.

Sophomore Class

Ambrose, Nathaniel	Yonkers, N. Y.	11 Parsons St
Armstrong, Robert Grenville	Northampton, Mass.	
Bacon, Howard Rogers	Pittsford, N. Y.	Θ Δ X House
Banfield, Everett Colby	Austin, Minn.	3 Northampton Road
Barton, Frederick Bushnell	Oak Park, Ill.	A Δ Φ House
Baumann, Albert Vogt, Jr.	Fremont, Ohio	B Θ Π House
Beatty, Claudius Francis	Brooklyn, N. Y.	Φ Δ Θ House
Bishop, Stanley Guard	Glyndon, Md.	Δ K E House
Bishop, William Woolley	Southampton, N. Y.	X Φ Annex
Brock, Roland Humphrey	Athol, Mass.	71 South Pleasant St.
Bronaugh, Lewis Judson	Portland, Ore.	Whitridge Hall
Brown, Edmund, Jr.	Norfolk, Conn.	Φ K Ψ House
Brown, William Mylton	North Adams, Mass.	11 Gaylord St.
Burns, Howard Fletcher	Pittsburgh, Pa.	8 North Prospect St.
Burt, Wilbur Farnham	New York, N. Y.	Ψ Υ House
Bussom, Thomas Wainwright	Pottsville, Pa.	28 South College
Campbell, Archibald Brush	Mt. Vernon, N. Y.	K Θ House
Carlin, George Andrew	Brooklyn, N. Y.	Δ K E House
Cass, DeLysle Ferrée s	Chicago, Ill.	Φ Δ Θ House
Chasseaud, Hervé Gordon de	Brooklyn, N. Y.	28 Pleasant St.
Clapp, George Ewing	Northampton, Mass.	
Colton, James Zearing	Chicago, Ill.	Φ Δ Θ House
Corwin, Arthur Russell	Somerville, Mass.	Δ K E House
Crandall, Harold Warren	Normandy, Mo.	A Δ Φ House
Cushing, Bartlett Ellis	Middleboro, Mass.	5 School St.
Dann, Harry Francis	Tullahoma, Tenn.	B Θ Π House
Davenport, Russell Lounsberry	Ogden, Utah	8 Spring St.
Davis, Clarion Almado	Collinsville, Conn.	Φ Γ Δ House
Dawson, George Littleton	Uniontown, Pa.	5 School St.
Deming, Keith Worthington*	Dubuque, Iowa	Φ Δ Θ House
Dick, Richard George	Worcester, Mass.	K Θ House
Dickson, Ensign Earle	Holyoke, Mass.	3 Northampton Road
Edds, Mac Vincent	Sag Harbor, N. Y.	Δ Υ House

*Deceased Nov. 12, 1909

Fitts, George Henry	<i>Pawtucket, R. I.</i>	Ψ Υ House
Fitts, Harold Edward	<i>Mansfield, Mass.</i>	Θ Δ X House
Fraser, Harold Lloyd	<i>Woburn, Mass.</i>	Σ Δ P House
Freeman, Harlan Page	<i>Fredonia, N. Y.</i>	Σ Δ P House
Gideon, Reinhart Lang	<i>Ogden, Utah</i>	8 Spring St.
Goldstein, Harry	<i>Spokane, Wash.</i>	Φ K Ψ House
Gray, Edward Benjamin	<i>Washington, D. C.</i>	
Greene, Harold Clute	<i>Cohoes, N. Y.</i>	Δ K E House
Gregory, Ernest	<i>Marblehead, Mass.</i>	Δ K E House
Haight, Harris Losee	<i>Millbrook, N. Y.</i>	3 Northampton Road
Hall, Russell Bertram	<i>Worcester, Mass.</i>	Θ Δ X House
Heavens, Ralph Bardwell	<i>Plymouth, Mass.</i>	Σ Δ P House
Hubbard, Claude Harrison	<i>Hatfield, Mass.</i>	Gymnasium
Hunting, Raymond Davis s	<i>Boston, Mass.</i>	Δ K E House
Hurst, Benoni Price	<i>Washington, D. C.</i>	1 South College
Jackson, Frank Stanley	<i>Winthrop, Me.</i>	8 North Prospect St.
Jones, Levi Ronald	<i>Winthrop, Me.</i>	5 School St.
Jones, Lloyd	<i>Circleville, Ohio</i>	A Δ Φ House
Joy, Percy Clark	<i>Atlantic City, N. J.</i>	11 Gaylord St.
Keeler, Isaac Spaulding	<i>Grand Rapids, Mich.</i>	Δ Υ House
Kelly, Lawrence Rogers	<i>Brighton, Mass.</i>	3 Northampton Road
Keyser, Paul Fulmer	<i>East Orange, N. J.</i>	Nash Block
Knapp, Benjamin Franklin	<i>Canandaigua, N. Y.</i>	
Lahey, William Stewart	<i>Jersey City, N. J.</i>	25 Pleasant St.
Lary, Harold Raymond	<i>Wareham, Mass.</i>	Φ K Ψ House
Levy, Maurice Jacques	<i>Greenfield, Mass.</i>	17 South Prospect St.
Lucey, Patrick Henry	<i>Northampton, Mass.</i>	K Θ House
Lyon, Arthur Bates	<i>Brockton, Mass.</i>	34 Amity St.
McFarland, Frank Janvier	<i>Brooklyn, N. Y.</i>	X Ψ Lodge
Madden, John Harrison	<i>Binghamton, N. Y.</i>	Δ K E House
Mason, Charles Alfred s	<i>Baltimore, Md.</i>	Θ Δ X House
Mead, Frederic Harold	<i>Watervliet, N. Y.</i>	12 Lessey St.
Mesick, Henry Thomas	<i>Springfield, Mass.</i>	11 Gaylord St.
Miles, Daniel Nelson	<i>Livingston, Mont.</i>	X Ψ Lodge
Miller, Spencer, Jr.	<i>South Orange, N. J.</i>	A Δ Φ House
Miller, William Evans	<i>Pittsburg, Pa.</i>	Δ K E House
Millett, Fred Benjamin	<i>Whitman, Mass.</i>	A South College
Miner, Edward Cooley	<i>Springfield, Mass.</i>	27 North Prospect St.
Moller, Lester John Frederick	<i>Brooklyn, N. Y.</i>	B Θ II House

Moody, Van Buren	<i>Mt. Hermon, Mass.</i>	C South College
Norris, William Baker, Jr.	<i>St. Joseph, Mo.</i>	Δ Y House
Olds, Leland	<i>Amherst, Mass.</i>	A Δ Φ Annex
Orr, Alan Gardner	<i>Springfield, Mass.</i>	16 South College
Orr, Walter Stuart s	<i>Orr's Mills, N. Y.</i>	Δ Y House
Ostrander, Henry Sage	<i>Butte, Mont.</i>	Φ K Ψ House
Parsons, DeWitt Hoag	<i>Binghamton, N. Y.</i>	6 Northampton Rd
Peacock, Alfred Burlingham	<i>Brooklyn, N. Y.</i>	B Θ II House
Pease, Franklin Stuart	<i>Enfield, Ct.</i>	8 North Prospect St.
Peirce, Harry Haynes	<i>Taunton, Mass.</i>	11 Gaylord St.
Perkins, Charles Kingman	<i>York Village, Me.</i>	Φ K Ψ House
Peters, Reed Charles	<i>Omaha, Neb.</i>	B Θ II House
Pinney, Harold Burley	<i>Stafford, Ct.</i>	Δ K E House
Powell, Howell	<i>Shadeland, Pa.</i>	X Φ Annex
Proudfoot, Perry Alexander	<i>Roselle, N. J.</i>	13 Spring St.
Quinn, James Joseph, Jr.	<i>Whitinsville, Mass.</i>	X Φ Annex
Ramage, Alfred Hull	<i>Oil City, Pa.</i>	Nash Block
Randell, George Mulford	<i>New York, N. Y.</i>	Φ Δ Θ House
Rathbun, Benjamin	<i>Elmira, N. Y.</i>	A Δ Φ House
Reeve, Hugh Stanley,	<i>Kenwood, N. Y.</i>	28 South College
Root, Russell	<i>North Attleboro, Mass.</i>	5 Sunset Ave.
Sanford, Wayland Hall	<i>Duluth, Minn.</i>	Δ Y House
Sheldon, Winfred Charles	<i>Fort Ann, N. Y.</i>	Φ Γ Δ House
Sherman, Stanley Carter	<i>Quincy, Mass.</i>	7 Parsons St.
Sibley, Beeman Pitcher	<i>Wellesley Hills, Mass.</i>	X Φ Annex
Sigel, Glenn Lara	<i>Portland, Ore.</i>	19 North College
Simpson, Howard Dodd	<i>Brooklyn, N. Y.</i>	X Φ House
Smith, Carl J.	<i>Stillwater, N. Y.</i>	K Θ House
Smith, Leslie Fisher	<i>Stamford, Conn.</i>	Θ Δ X House
Smithers, Melville	<i>St. Louis, Mo.</i>	Θ Δ X House
South, Harold Thomas	<i>East Braintree, Mass.</i>	K Θ House
Sowden, Joseph Edwards	<i>Wenonah, N. J.</i>	
Spalding, Charles Dawson	<i>Malden, Mass.</i>	K Θ House
Stebbins, Leon Raymond s	<i>South Deerfield, Mass.</i>	Gymnasium
Steber, Raymond William	<i>Warren, Pa.</i>	Φ Δ Θ House
Stiles, Lorren, Jr.	<i>Victor, N. Y.</i>	15 Amity St.
Storke, Harold Grey	<i>Auburn, N. Y.</i>	Y Y House
Stuart, Merritt Corbett	<i>Binghamton, N. Y.</i>	6 Northampton Rd.
Stubbs, Eric Walter	<i>New York, N. Y.</i>	Δ K E House

Sophomore Class

27

Swanton, Hobart Pond	<i>Rochester, N. Y.</i>	A Δ Φ House
Talcott, Warren Edward	<i>Livingston, Mont.</i>	55 South Pleasant
Tead, Ordway	<i>Somerville, Mass.</i>	A Δ Φ House
Thornton, Irving Taylor	<i>Buffalo, N. Y.</i>	19 Main St.
Turner, Philip Layton	<i>Elmhurst, N. Y.</i>	Δ Υ House
Vernon, Joseph Henry	<i>Mansfield, Mass.</i>	Φ Δ Θ House
Vollmer, Edward Bartlett s	<i>Brooklyn, N. Y.</i>	X Φ Annex
Vroom, Clifford Hall	<i>Briarcliff Manor, N. Y.</i>	Δ Υ House
Weatherby, Willard Erastus	<i>Clarendon, Tex.</i>	11 North College
Weis, Herman William	<i>Holyoke, Mass.</i>	B Θ II House
Welles, Robert	<i>Paris, France</i>	X Ψ Lodge
Wellman, Sargent Holbrook	<i>Malden, Mass.</i>	Whitridge Hall
Wheaton, Raymond Thomas	<i>Putnam, Conn.</i>	Δ Υ House
Whiteman, Harold Bartlett	<i>Rochester, N. Y.</i>	A Δ Φ House
Williams, Lester Emerson	<i>Brockton, Mass.</i>	K Θ House
Witney, George Walter	<i>Brockport, N. Y.</i>	

Freshman Class

Allen, Herbert Charles, Jr.	<i>Buffalo, N. Y.</i>	30 North Prospect St.
Allen, Harold Gates	<i>Auburndale, Mass.</i>	4 North College
Ambrose, Frederic Cook	<i>Yonkers, N. Y.</i>	11 Parsons St.
Anderson, Floyd Eugene	<i>Bainbridge, N. Y.</i>	12 Northampton Rd.
Andrews, Arthur Howard s	<i>Mineola, N. Y.</i>	25 Pleasant St.
Averill, Otis	<i>Flushing, N. Y.</i>	14 South College
Babbott, Frank Lusk, Jr.	<i>Brooklyn, N. Y.</i>	19 Main St.
Bailey, Charles Fifield	<i>Montpelier, Vt.</i>	31 North College
Barnes, Harry Paul	<i>Ambler, Pa.</i>	5 School St.
Bassett, Preston Rogers	<i>Brooklyn, N. Y.</i>	12 North College
Beckwith, Kenneth Burwell	<i>Brooklyn, N. Y.</i>	17 College St.
Belden, Horace Potter	<i>Hamilton, Ohio</i>	28 North College
Benedict, Chauncey	<i>Montclair, N. J.</i>	14 North College
Bixby, Harold McMillan	<i>St. Louis, Mo.</i>	8 North College
Blackmer, Waldo Harvey	<i>Worcester, Mass.</i>	5 School St.
Boehmer, Max, Jr.	<i>Denver, Col.</i>	E North College
Bond, Arthur Hazard	<i>Springfield, Mass.</i>	F North College
Booth, Ferris Cobb	<i>Yokohama, Japan</i>	15 North College
Browne, Robert Henry	<i>Doylestown, Pa.</i>	13 Spring St.
Brown, Wayland Hoyt	<i>Minneapolis, Minn.</i>	10 South College
Burnett, Henry Wootton	<i>Amherst, Mass.</i>	2 Sunset Ave.
Burns, Timothy Joseph	<i>Ware, Mass.</i>	12 Northampton Road
Cadman, Frederick Lester	<i>Brooklyn, N. Y.</i>	30 North College
Caldwell, Harold VanYorx	<i>Winchester, Mass.</i>	8 North Prospect St.
Caldwell, Louis Goldsborough	<i>Oak Park, Ill.</i>	27 North College
Callahan, Cornelius Henry s	<i>Norwood, Mass.</i>	16 Maple Ave.
Carter, Chauncey Paul	<i>Brooklyn, N. Y.</i>	19 Amity St.
Chapin, Russell Farley	<i>Greenfield, Mass.</i>	3 Northampton Road
Coates, John Locke	<i>Alliance, Ohio</i>	30 North Prospect St.
Cobb, Samuel Henry	<i>South Orange, N. J.</i>	13 Spring St.
Cohn, Louis Marbe	<i>Brooklyn, N. Y.</i>	17 North College
Collins, Frank Samuel	<i>River Forest, Ill.</i>	27 North College

Connolly, Bartholomew Joseph, Jr.	<i>Roxbury, Mass.</i>	13 Spring St.
Cook, Lloyd Harlow	<i>Chelsea, Mass.</i>	4 South College
Cousins, Thomas Flint	<i>Brooklyn, N. Y.</i>	19 Amity St.
Coxhead, John Wallace	<i>Buffalo, N. Y.</i>	32 South College
Coyle, Walter Wensley	<i>Ridgewood, N. J.</i>	23 North College
Creede, Thomas Raymond, Jr.	<i>East Orange, N. J.</i>	Tyler Place
Crippen, Ephraim Clarence	<i>Brockport, N. Y.</i>	11 North College
Crosby, Stanley Warfield	<i>Warren, Mass.</i>	15 Spring St.
Cross, Raymond Witherspoon	<i>Rochester, N. Y.</i>	9 South College
Crosthwaite, Gerald Morgan	<i>New York, N. Y.</i>	9 North College
Cutler, John Burdet, Jr.	<i>Hinsdale, Ill.</i>	12 North College
Dawes, Ralph Norton	<i>Springfield, Mass.</i>	14 Maple Ave.
Dickinson, William Gilford	<i>Oneonta, N. Y.</i>	8 Spring St.
Elliott, Irvine Wilbur	<i>Cambridge, Mass.</i>	13 North College
Ely, Dwight Caryl	<i>Erie, Pa.</i>	29 South College
Estabrook, Benjamin Wilde	<i>Boston, Mass.</i>	12 Lessey St.
Farwell, John Eden	<i>Geneva, N. Y.</i>	Nash Block
Fay, George Wyman	<i>Worcester, Mass.</i>	23 South College
Fitzsimmons, Raymond James	<i>Holyoke, Mass.</i>	26 South College
Frost, Carl Grover	<i>Buffalo, N. Y.</i>	14 Maple Ave.
Gilman, Wesley Alonzo	<i>South Berwick, Me.</i>	14 Maple Ave.
Glen, Horatio Gates, Jr.	<i>Schenectady, N. Y.</i>	22 North College
Glessner, Arthur Brown	<i>Chicago, Ill.</i>	29 North College
Goff, William Leslie	<i>Winchester, Mass.</i>	19 Amity St.
Good, Paul Francis	<i>Wahoo, Neb.</i>	7 Parsons St.
Greene, Theodore Ainsworth	<i>Middletown, Conn.</i>	22 South College
Guetter, Frederick John	<i>Elwyn, Pa.</i>	Nash Block
Hager, Richard Buckner	<i>Ashland, Ky.</i>	14 Kellogg Ave.
Haller, Frederick Raymond	<i>Buffalo, N. Y.</i>	31 South College
Hamilton, William Galloway	<i>Fond du Lac, Wis.</i>	21 South College
Harding, Howard Charles	<i>Mansfield, O.</i>	13 Spring St.
Hardy, Wilton Audubon	<i>Amherst, Mass.</i>	15 Lincoln Ave.
Harrington, Henry Bassett	<i>Buffalo, N. Y.</i>	19 Main St.
Harwood, William Bradford	<i>Great Neck, N. Y.</i>	Nash Block
Havens, George Remington, Jr.	<i>Shelter Island Heights, N. Y.</i>	18 South College
Heblich, Oliver Nicholas	<i>Pottsville, Pa.</i>	25 South College
Heinritz, Frederick John	<i>Holyoke, Mass.</i>	Hunt Block

Hopkins, Carroll Lyman	<i>Lansing, Mich.</i>	19 Amity St.
Howard, Elisha Harris, Jr.	<i>Providence, R. I.</i>	21 North College
Hutchens, Harold William	<i>Johnstown, N. Y.</i>	5 South College
Jaqueth, John Munro	<i>Brooklyn, N. Y.</i>	31 North Prospect
Jenkins, Robert Alden	<i>Whitman, Mass.</i>	17 North College
Johnston, Charles Lindley, Jr.	<i>Brooklyn, N. Y.</i>	8 South College
Joost, Arthur Martin	<i>Brooklyn, N. Y.</i>	5 School St.
Keller, Fernando Carl	<i>Rochester, N. Y.</i>	8 Woodside Ave.
King, John Lord	<i>Winnetka, Ill.</i>	5 School St.
Klingenfeld, John Henry, Jr.	<i>Brooklyn, N. Y.</i>	14 Maple Ave.
Knudson, Edward Chevalier	<i>Devon, Pa.</i>	55 South Pleasant St.
Ladd, Charles Thornton	<i>Portland, Ore.</i>	4 North Prospect St.
Lamberton, Harold Hutchinson	<i>Franklin, Pa.</i>	Nash Block
Lathrop, Carl Oswald	<i>Fall River, Mass.</i>	14 North College
Lee, Henry Foster	<i>Buffalo, N. Y.</i>	Δ Y House
Leiper, Henry Smith s	<i>Blauvelt, N. Y.</i>	15 North College
Lindsay, Kenneth Clement	<i>Milwaukee, Wis.</i>	10 North College
Littlejohn, Hugh Warwick	<i>Flushing, N. Y.</i>	14 South College
Livingston, Samuel Maurice	<i>Northampton, Mass.</i>	
Loomis, Henry Sprague	<i>Westfield, N. J.</i>	32 North College
Lysaght, Walter Joseph	<i>Mittineague, Mass.</i>	17 South College
Mabry, Alton Watson	<i>Watertown, Mass.</i>	26 North College
Marquis, John Bentley s	<i>St. Louis, Mo.</i>	19 Amity St.
Marsh, Allison Wilson	<i>Quincy, Mass.</i>	7 Parsons St.
Martin, James Gardner	<i>Attica, Ind.</i>	9 South College
Mathews, Ross	<i>Jersey City, N. J.</i>	Tyler Place
Maxson, John Stevens	<i>Homer, N. Y.</i>	21 South College
Macdonald, James Frederick	<i>Seattle, Wash.</i>	12 Northampton Road
McDonnell, Charles Patrick	<i>Florence, Mass.</i>	
Mealand, Arthur John, Jr.	<i>Greenfield, Mass.</i>	3 Northampton Road
Merrill, Randolph Seaman	<i>Paterson, N. J.</i>	11 South College
Miller, Robert Starkweather	<i>Chestnut Hill, Mass.</i>	12 North College
Mitchell, Alvin s	<i>Los Angeles, Cal.</i>	55 South Pleasant
Mitchell, John Houston	<i>Meriden, Conn.</i>	6 South College
Moore, John Stanley	<i>Newton Centre, Mass.</i>	14 South College
Moore, Walter Weaver	<i>Johnstown, Pa.</i>	12 Northampton Road
Morris, Albert Millard	<i>Yonkers, N. Y.</i>	22 South College
Morse, Edward Stiles	<i>Amherst, Mass.</i>	25 North College
Murphey, Hermon King	<i>Niagara Falls, N. Y.</i>	Nash Block

Murray, H. Loomis	<i>Syracuse, N. Y.</i>	8 North College
Newbery, Alfred	<i>New York, N. Y.</i>	8 Woodside Ave.
Noble, Arthur William	<i>Somerville, Mass.</i>	14 Kellogg Ave.
Olds, George Daniel, Jr.	<i>Amherst, Mass.</i>	3 Orchard St.
Orr, Philbin Raymond	<i>New York, N. Y.</i>	9 North College
Parsons, Charles Edwards	<i>Colorado Springs, Colo.</i>	6 North College
Partenheimer, Harold Philip	<i>Greenfield, Mass.</i>	14 Maple Ave.
Patten, Kenneth Spalding	<i>Brockport, N. Y.</i>	13 South College
Patton, Hamilton	<i>Highland Park, Ill.</i>	29 North College
Plough, Harold Henry	<i>New York, N. Y.</i>	31 South College
Pope, Frederick Russell	<i>Brooklyn, N. Y.</i>	12 North College
Price, Clark Monroe	<i>Woodmere, N. Y.</i>	8 Woodside Ave.
Pride, Herbert Hammond	<i>Quincy, Mass.</i>	7 Parsons St.
Proctor, Hilliard Alonzo	<i>Corning, N. Y.</i>	8 Spring St.
Quill, James Robert	<i>North Brookfield, Mass.</i>	Hunt Block
Radding, Moses Bernhard	<i>West Springfield, Mass.</i>	17 South College
Rankin, Russell Bruce	<i>Newark, N. J.</i>	8 Spring St.
Renfro, DeGrimm	<i>Pittsburg, Pa.</i>	Nash Block
Richard, Irving Edward	<i>Rochester, N. Y.</i>	55 South Pleasant St.
Rising, Robert Morgan	<i>Springfield, Mass.</i>	29 No. Prospect St.
Robinson, Gain	<i>Springfield, Mass.</i>	Nash Block
Rothberg, Isidor Harvey	<i>Plainfield, N. J.</i>	29 North College
Sands, Louis Lorenzo s	<i>Chicago, Ill.</i>	30 South College
Scatchard, George	<i>Oneonta, N. Y.</i>	8 Spring St.
Seaman, James Alpheus	<i>Hoboken, N. J.</i>	14 Maple Ave.
Searle, Emerson Sheldon	<i>Hadley, Mass.</i>	
Selden, John Lincoln	<i>Northampton, Mass.</i>	
Sheridan, Charles Fitzgerald	<i>Oswego, N. Y.</i>	10 South College
Siegrist, William, Jr. s	<i>Brooklyn, N. Y.</i>	25 Pleasant St.
Simpson, John Woodruff	<i>East Craftsbury, Vt.</i>	5 School St.
Slocum, Winfield Scott, Jr.	<i>Newton, Mass.</i>	14 South College
Smith, Frank Jonathan Earnest	<i>Holyoke, Mass.</i>	Chemistry Laboratory
Smith, Frank Monroe	<i>Freehold, N. J.</i>	4 North College
Smith, Walter Willoughby	<i>Uniontown, Pa.</i>	5 Spring St.
Sobel, Jeffrey Mortimer	<i>Erie, Pa.</i>	23 North College
Stanchfield, John Barry, Jr.	<i>New York, N. Y.</i>	21 North College
Steele, Jack Worthington	<i>Painesville, O.</i>	19 Main St.
Stelling, Frank Palmer	<i>New York, N. Y.</i>	32 South College
Stewart, Lewis Morton	<i>Glen Ridge, N. J.</i>	5 School St.

Stilwell, Lewis Dayton	<i>Syracuse, N. Y.</i>	2 South College
Stimets, Bruce Négus	<i>Jersey City, N. J.</i>	14 Maple Ave.
Stirn, Albert Louis	<i>Stapleton, N. Y.</i>	19 Amity St.
Stone, George Lester	<i>Salem, Mass.</i>	25 South College
Stone, Nelson	<i>Wareham, Mass.</i>	19 North College
Stone, Raymond Worthington	<i>Brookline, Mass.</i>	23 South College
Storrs, John Tyler	<i>Ware, Mass.</i>	19 Amity St.
Stout, Robert Irving	<i>Omaha, Neb.</i>	Tyler Place
Svirsky, Max	<i>Brooklyn, N. Y.</i>	71 South Pleasant St.
Tappin, Clarence Leon	<i>Gardner, Mass.</i>	71 South Pleasant St.
Thompson, Joseph Clemengen 2d	<i>Lima, Ohio</i>	8 Spring St.
Tilden, James Addison, Jr.	<i>Hyde Park, Mass.</i>	6 South College
Urquhart, Douglas	<i>Ashfield, Mass.</i>	29 South College
Vance, Clyde Fulmer	<i>Norwood, Mass.</i>	4 South College
Voorhees, Judah Edgar	<i>Upper Montclair, N. J.</i>	8 North Prospect St.
Wadhams, Charles Hastings	<i>Pittsford, N. Y.</i>	26 South College
Walcott, Chester Lincoln	<i>Providence, R. I.</i>	18 South College
Warner, Hunt	<i>Northampton, Mass.</i>	9 North College
Wesby, Joseph Spencer	<i>Worcester, Mass.</i>	5 School St.
Wesner, Edwin s	<i>Brookline, Mass.</i>	13 North College
Westcott, Ralph Wells	<i>Oak Park, Ill.</i>	27 North College
Whitney, William Henry	<i>West Springfield, Mass.</i>	17 South College
Wilcox, Sanford Potter	<i>Grand Rapids, Mich.</i>	5 North College
Wilcox, William Joralemon	<i>Madison, Conn.</i>	16 North College
Wilder, Harry Converse	<i>Carthage, N. Y.</i>	28 North College
Williamson, Gerald Humphrey	<i>Rochester, N. Y.</i>	8 Woodside Ave.
Willits, James Elmer s	<i>Brookline, Mass.</i>	13 North College

Summary

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Summary

FELLOWS	-	-	-	-	-	-	-	-	-	4
GRADUATE STUDENT	-	-	-	-	-	-	-	-	-	1
SENIORS	-	-	-	-	-	-	-	-	-	103
JUNIORS	-	-	-	-	-	-	-	-	-	123
SOPHOMORES	-	-	-	-	-	-	-	-	-	127
FRESHMEN	-	-	-	-	-	-	-	-	-	174
TOTAL										532

CLASSIFICATION BY RESIDENCE

UNITED STATES				California - - - - 2				
New York - - -	182				Iowa - - - -	2		
Massachusetts - -	147				Maryland - - - -	2		
New Jersey - - -	37				New Hampshire - -	2		
Pennsylvania - - -	29				Utah - - - -	2		
Illinois - - - -	21				Washington - - - -	2		
Ohio - - - -	20				Florida - - - -	1		
Connecticut - - -	14				Indiana - - - -	1		
Missouri - - - -	7				Kentucky - - - -	1		
Rhode Island - - -	7				Tennessee - - - -	1		
Michigan - - - -	6				Texas - - - -	1		
Nebraska - - - -	6				West Virginia - - -	1		
Oregon - - - -	6							
Vermont - - - -	6						527	
Maine - - - -	5				FOREIGN COUNTRIES			
Minnesota - - - -	4				Japan - - - -	2		
Colorado - - - -	3				France - - - -	1		
District of Columbia	3				India - - - -	1		
Montana - - - -	3				China - - - -	1		
Wisconsin	3						532	

Award of Honors

1908-1909

COMMENCEMENT SPEAKERS

Merrill Fowler Clarke*
Ernest Lord Earle
Allen Dorset Eldred
Morris Gabriel Michaels
Christian Alban Ruckmich
Clinton White Tylee

PHI BETA KAPPA

FIRST DRAWING (Class of 1908)

Harold James Baily	William Judson Marsh
Cecil King Blanchard	Samuel Frederic Monroe
Kenneth Morrison Gibson	George Edward Rawson
William Haller	Horatio Elwin Smith
William Scribner Kimball	James Albert Sprenger
John McChesney	Stanley Lewis Wolff

SECOND DRAWING (Class of 1908)

Arthur Richards Dunbar	Robert Hayward Kennedy
Robert Hussey Flynt	Albert Jesse Lovelee
Walter Conkey Gold	Fairfax Addison Reilly
Marston Lovell Hamlin	Earl Benjamin Robinson

FIRST DRAWING (Class of 1909)

Ernest Lord Earle	George Hewit Plough
Allen Dorset Eldred	Clinton White Tylee
Morris Gabriel Michaels	

*Excused

Award of Honors

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SECOND DRAWING (Class of 1909)

Merrill Fowler Clarke	Wilbur Boardman Jones
Edwards Lynde Cleaveland	Clayton Edward Keith
Samuel Ballantine Fairbank	Stoddard Lane
David Franklin Goodnow	Christian Alban Ruckmich
Hubert Baker Goodrich	

FIRST DRAWING (Class of 1910)

Paul Adeo Fancher	Robert Cornelius Murray
Talbot Faulkner Hamlin	Eustace Joseph Seligman
Roger Arthur Johnson	

Final Honors

GREEK

Christian Alban Ruckmich

LATIN

Stoddard Lane

MODERN GOVERNMENT AND INTERNATIONAL LAW

Samuel Ballantine Fairbank
Wilbur Boardman Jones

PHILOSOPHY

Christian Alban Ruckmich
Morris Gabriel Michaels

Award of Prizes

1908-1909

HUTCHINS GREEK PRIZE—Class of 1910

Talbot Faulkner Hamlin

BERTRAM LATIN PRIZES

First Prize: Stoddard Lane, Class of 1909

Second Prize: Ernest Lord Earle, Class of 1909

JUNIOR LATIN PRIZES—Class of 1910

First Prize: George Frisbie Whicher

Second Prize: Ira Ellsworth Fenton

BILLINGS LATIN PRIZES—Class of 1911

First Prize: George Bruner Parks

Second Prize: Lewis Brigham Walker

FRESHMAN LATIN PRIZES

First Prize: George Knowles Gardner, Class of 1912

Second Prize: Charles Dawson Spalding, Class of 1912

KELLOGG PRIZES

William Francis Washburn, Class of 1911

Howard Fletcher Burns, Class of 1912

HARDY PRIZES—Class of 1909

First Prize: Morris Gabriel Michaels

Second Prize: Kenneth Reese Cunningham

Award of Prizes

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HYDE PRIZE—Class of 1909

William Gooding Hartin

BOND PRIZE—Class of 1909

Clinton White Tylee

A. C. JAMES PRIZE

Albert Francis Pierce Jr., Class of 1909

WALKER PRIZES

Second Year Mathematics

First Prize: John Humphrey Keyes, Class of 1911

Second Prize: Arthur Eugene Pattison, Jr., Class of 1911

First Year Mathematics

First Prize: George Knowles Gardner, Class of 1912

Second Prize: Leland Olds, Class of 1912

PORTER PHYSICS PRIZE—Class of 1909

Sherrill Atwood Cleaveland

SAWYER MEDAL

Clifford Bateman Ballard, Class of 1911

(Honorable Mention)

Van Buren Moody, Class of 1912

A. LYMAN WILLISTON PRIZES—Class of 1912

First Prize: Van Buren Moody

Second Prize: Ensign Earle Dickson

HAGEN PRIZE—Class of 1910

Talbot Faulkner Hamlin

George Frisbie Whicher

CLASS OF 1884 PRIZE

The Senior Class (Class of 1909)

LELAND PRIZE

The Junior Class (Class of 1910)

WOODS PRIZE—Class of 1909

Christian Alban Ruckmich

LADD ORATION PRIZES—Class of 1910

George Brinton Burnett, Jr.	John Park Henry
William Evans Clark	Murdock Norman MacInnis
Walter Dillaway Draper	Daniel Cole MacMartin
Edward Farrier	Francis Owen Sullivan
Herbert Bennett Harris	Jared Howell Van Auken

ARMSTRONG PRIZES—Class of 1912

First Prize: George Knowles Gardner*Second Prize:* Charles Dawson Spalding*Third Prize:* Arthur Bates Lyon

PORTER ADMISSION PRIZE—Class of 1913

Frederick John Heinritz

(Prepared at Holyoke High School and Williston Seminary.)

Honorable Mention

BIOLOGY

1909 Hubert Baker Goodrich

BOTANY

1909 Hubert Baker Goodrich

CHEMISTRY

1910 Roger Arthur Johnson

1910 Ollo Alson Kennedy

FRENCH

1910 William Raymond Kellogg

1912 Arthur Bates Lyon

1911 John Humphrey Keyes

1912 Fred Benjamin Millett

1911 George Bruner Parks

GEOLOGY

1909 Hubert Baker Goodrich

GERMAN

1910 Robert Cornelius Murray

GREEK

1909 Christian Alban Ruckmich

1911 George Noyes Slayton

HISTORY

1910 Robert Cornelius Murray

LATIN

1910 George Frisbie Whicher

1912 George Knowles Gardner

1911 George Bruner Parks

1912 Fred Benjamin Millett

1911 Eugène Ramey Pennock

1912 Leland Olds

1911 George Noyes Slayton

1911 George Way Williams

MATHEMATICS

- | | | | |
|------|-----------------------------|------|--------------------------|
| 1910 | Roger Arthur Johnson | 1912 | George Knowles Gardner |
| 1911 | John Humphrey Keyes | 1912 | Sargent Holbrook Wellman |
| 1911 | Arthur Eugene Pattison, Jr. | | |

MODERN GOVERNMENT

- | | | | |
|------|----------------------------|------|-----------------------|
| 1909 | Samuel Ballantine Fairbank | 1909 | Wilbur Boardman Jones |
| 1909 | David Franklin Goodnow | | |

PHILOSOPHY

- | | | | |
|------|-------------------------|------|-------------------------|
| 1909 | Morris Gabriel Michaels | 1910 | Robert Cornelius Murray |
|------|-------------------------|------|-------------------------|

PHYSICS

- | | |
|------|------------------------|
| 1912 | George Knowles Gardner |
|------|------------------------|

Degrees Conferred in 1909

Degrees in Course

Bachelor of Arts

Magna Cum Laude

Ernest Lord Earle
Allen Dorset Eldred
Wilbur Boardman Jones

Morris Gabriel Michaels
Christian Alban Ruckmich
Clinton White Tylee

Cum Laude

James Griffith Bakrow
Joseph William Ballantine
Albert Whitney Blackmer
Roscoe William Brink
Merrill Fowler Clarke
Edwards Lynde Cleaveland
Sherrill Atwood Cleaveland
Kenneth Reese Cunningham
Sheldon David Dunlap
Edward Lathrop Dyer
Samuel Ballantine Fairbank
Alfred Swift Frank
John Leon Gardner, Jr.
Fred Raymond Gilpatric
David Franklin Goodnow
Edward Nute Goodwin

Thomas Richard Hickey
Townsend Cordell Hill
Paul Lantz Kirby
Stoddard Lane
Edward DeWitt Leonard
Richmond Mayo-Smith
Francis Louis Race
Joseph Long Seybold
William Allen Sleeper
Harold Lyman Smith
Edward Heron Sudbury
Albert Otto Tritsch
Halton Eugene Underhill
William Auerbach Vollmer
Watson Wordsworth
David Sanders Wright

Rite

Irving Howard Agard
John Beecher
Mason Huntington Bigelow
Carlton Reed Blades
Alden Hooper Blanchard

William Gooding Hartin
Charles Usher Hatch
William Ely Hill
Harold Wade Hobbs
James Blaine Hunter

Edward Jenkins Bolt
 Arthur Edward Bristol
 Raymond Joseph Burby
 Asahel Bush, Jr.
 Frederic Marsena Butts
 Walter Cary
 Cyrus Augustus Case
 Francis Morrow Caughey
 Joseph Hart Caughey
 Charles Porter Chandler
 Edward Luther Chapin
 DeWitt Atkins Clark
 Daniel Joseph Coyne, Jr.
 Minot Harold Danforth
 Elliott Orman Foster
 Clayton Walter Guptil
 Cuthbert Hague
 Gordon Robert Hall
 Robert Hugh Hamilton, Jr.

Joseph Boardman Jamieson, Jr.
 Grover Cleveland Kirley
 Levon Hampartzum Kooyumjian
 Raymond DeForest Leadbetter
 George Francis Leary
 Donald Dana McKay
 Walter Raymond Main
 James Bartlett Melcher
 Percival Dole Nash
 Albert Francis Pierce, Jr.
 George Edwin Pierce
 Charles Babbidge Rayner
 Bert Nichols Smith
 Herbert Otty Smith
 Henry Stockbridge, 3d
 Arthur Hammond Van Auken
 Barrett Hanson Witherbee
 William Henry Wright
 Herbert Ashton Wyckoff

Clayton Edward Keith
 Charles Gates Mecklem

Bachelor of Science

Magna Cum Laude

Hubert Baker Goodrich

Cum Laude

Richard Mitchels Neustadt
 William Josiah Parmelee, Jr.
 Harold Ladd Smith

Rite

Raymond Nelson Brown
 Leonard Roys Clinton
 George Dowd
 Dunbar Wood Lewis

Keith Fry McVaugh
 David Raymond Mowry
 Francis Foster Powell
 Justin Burritt Smith

Degrees Conferred in 1909

43

Warren Storrs Chapin B.A. as of 1907
Samuel Morton Laubham B.A. as of 1908

Master of Arts

Everett Edward Thompson B.A., 1899
Alfred John Sadler B.A., 1900
Ellery Carroll Clapp B.A., 1902
John Adams Taylor B.A., 1905
George William Porter B.A., 1906

Honorary Degrees

Doctor of Divinity

ALBERT PARKER FITCH
JOHN TIMOTHY STONE
FRANCIS ALBERT CHRISTIE

Doctor of Laws

FREDERICK WALLINGFORD WHITRIDGE
HARRY AUGUSTUS GARFIELD

Admission

ALL candidates for admission to College must present satisfactory testimonials of good moral character.

The subjects which may be presented in satisfaction of the requirements for admission to the Freshman class together with the number of points at which each is valued, are given in the following list. The basis of valuation is one point for a course pursued five hours per week for a school-year. A candidate for admission to the course leading to a degree must offer subjects amounting in all to fourteen points.

LIST OF SUBJECTS

Biology	$\frac{1}{2}$	point
Botany	$\frac{1}{2}$	"
Chemistry	1	"
English a	2	points
b	1	point
French a	2	points
b	1	point
German a	2	points
b	1	point
Greek I	2	points
II	1	point
Harmony	1	point
History a, b, c, d	1	point each
Latin I	3	points
II	1	point

Mathematics I	2 $\frac{1}{2}$ points
II	1 $\frac{1}{2}$ "
b, d, f,	$\frac{1}{2}$ point each
Physics	1 point
Physiography	1 "
Physiology	$\frac{1}{2}$ "

A subject not included in the above list, that has been pursued so far as to be equivalent to one or two semesters of that subject in College, may be presented, on examination, as an advanced subject.

Entrance requirements correspond to courses leading to the degrees of Bachelor of Arts and Bachelor of Science, and to the Special Course that does not lead to a degree. The requirements are indicated below in groups of studies preparatory to the several courses.

REQUIREMENTS FOR BACHELOR OF ARTS COURSE

Candidates for admission to the Freshman Class in the course leading to the degree of Bachelor of Arts must present satisfactory qualifications in one of the following groups of subjects according to the specifications given under each subject.

GROUP I

Latin I, II
Greek I, II
Mathematics I
English a and b
History a

In addition at least one-half point shall be made from the list on page 44.

Latin I
Mathematics I
English a and b
History a or b or c or d
Chemistry or Physics
French a or German a

In addition at least one and one-half points shall be made from the list on page 44.

A student who presents Latin I, II, at entrance may become a candidate for the degree of Bachelor of Arts by electing Latin for one college year.

REQUIREMENTS FOR SPECIAL COURSE

For admission to a special course not leading to a degree, every candidate must present twelve points, which shall include the following elementary subjects:—

Mathematics I
English a and b
History a or b or c or d
Chemistry or Physics

And one of the following advanced subjects:—

Mathematics II
French b
German b

And three and one-half points from the list on page 44.

No candidate will be accepted as a special student who does not present one of the advanced subjects.

ADMISSION SUBJECTS IN DETAIL

In the following accounts of subjects in detail, the small letters at the left represent the divisions of the subject recognized by the College Entrance Examination Board and used in designating their examination papers.

LATIN

I. ELEMENTARY LATIN

(a) i Latin Grammar

ii Latin Prose Composition: Translation into Latin of English passages based on Cæsar and Cicero.

(b) Caesar: *Gallic War*, Books I-IV

(c) Cicero: *Orations, Against Catiline, For Archias, and For the Manilian Law.*

II. ADVANCED LATIN

(d) Vergil: *Aeneid*, Books I-IV, and so much prosody as relates to accent, versification in general, and dactylic hexameter.

(m) Translation at sight of prose of no greater difficulty than the easier portions of Cicero's *Orations*.

(v) Translation at sight of poetry of no greater difficulty than Vergil's *Aeneid*.

GREEK

I. ELEMENTARY GREEK

(a) i Greek Grammar

ii Greek Composition. Translation into Greek of short sentences illustrating common principles of syntax.

The examination in grammar and prose composition will be based on the first two books of Xenophon's *Anabasis*.

(b) Xenophon's *Anabasis*, Books I-IV.

II. ADVANCED GREEK

(ch) Homer's *Iliad*, Books I-III (omitting Book II 494-end.) and the Homeric forms, constructions, idioms and prosody. Translation of passages of Homer at sight.

(f) Prose composition, consisting of continuous prose based on Xenophon and other Attic prose of similar difficulty.

MATHEMATICS

I. ELEMENTARY MATHEMATICS

(a) Elementary Algebra.

The four fundamental operations for rational algebraic expressions. Factoring, determination of highest common factor and lowest common multiple by factoring.

Fractions, including complex fractions, and ratio and proportion.

Linear equations, both numerical and literal, containing one or more unknown quantities.

Problems depending on linear equations.

Radicals, including the extraction of the square root of polynomials and of numbers.

Exponents, including the fractional and the negative.

Quadratic equations, both numerical and literal.

Simple cases of equations with one or more unknown quantities, that can be solved by the methods of linear or quadratic equations.

Problems depending on quadratic equations.

The binomial theorem for positive integral exponents.

The formulas for the n th term and the sum of the terms of arithmetical and geometric progressions, with applications.

It is assumed that pupils will be required throughout the course to solve numerous problems which involve putting questions into equations. Some of these problems should be chosen from mensuration, from physics, and from commercial life. The use of graphical methods and illustrations, particularly in connection with the solution of equations, is also expected.

(c) Plane Geometry.

The usual theorems and constructions of good textbooks, including the general properties of plane rectilinear figures; the circle and the measurement of angles; similar polygons; areas; regular polygons and the measurement of the circle.

The solution of numerous original exercises, including loci problems.

Applications to the mensuration of lines and plane surfaces.

II. ADVANCED MATHEMATICS

(b) Advanced Algebra.

Permutations and combinations, limited to simple cases.

Complex numbers, with graphical representation of sums and differences.

Determinants, chiefly of the second, third, and fourth orders, including the use of minors and the solution of linear equations.

Numerical equations of higher degree, and so much of the theory of equations, with graphical methods, as is necessary for their treatment, including Descartes's rule of signs and Horner's methods, but not Sturm's functions or multiple roots.

(d) Solid Geometry.

The usual theorems and constructions of good textbooks, including the relations of planes and lines in space; the properties and measurement of prisms, pyramids, cylinders, and cones; the sphere and the spherical triangle.

The solution of numerous original exercises, including loci problems.

Applications to the mensuration of surface and solids.

(f) Plane Trigonometry.

Definitions and relations of the six trigonometric functions as ratios; circular measurement of angles.

Proofs of principal formulas, in particular for the sine, cosine, and tangent of the sum and of the difference of two angles, of the double angle and the half angle, the product expressions for the sum or the difference of two sines or of two cosines, etc.; the transformation of trigonometric expressions by means of these formulas.

Solutions of trigonometric equations of a simple character.

Theory and use of logarithms (without the introduction of work involving infinite series).

In elementary algebra and plane geometry no certificate will be accepted for work that has not been pursued or reviewed within the two years preceding the date of the student's admission to college. No certificate will be accepted for work in solid geometry, advanced algebra and plane trigonometry. In this statement the word certificate refers to a certificate given by a preparatory school and not to a certificate of examination by a Board.

ENGLISH

Preparation in English has two main objects: (1) command of correct and clear English, spoken and written;

(2) ability to read with accuracy, intelligence, and appreciation.

ENGLISH GRAMMAR AND COMPOSITION

The first object requires instruction in grammar and composition. English grammar should ordinarily be reviewed in the secondary school; and correct spelling and grammatical accuracy should be rigorously exacted in connection with all written work during the four years. The principles of English composition governing punctuation, the use of words, paragraphs, and the different kinds of whole composition, including letter-writing, should be thoroughly mastered; and practice in composition, oral as well as written, should extend throughout the secondary school period. Written exercises may well comprise narration, description, and easy exposition and argument based upon simple outlines. It is advisable that subjects for this work be taken from the student's personal experience, general knowledge, and studies other than English, as well as from his reading in literature. Finally, special instruction in language and composition should be accompanied by concerted effort of teachers in all branches to cultivate in the student the habit of using good English in his recitations and various exercises, whether oral or written.

LITERATURE

The second object is sought by means of two lists of books, headed respectively *reading* and *study*, from which may be framed a progressive course in literature covering four years. In connection with both lists, the student should be trained in reading aloud and encouraged to

commit to memory some of the more notable passages both in verse and in prose. As an aid to literary appreciation, he is further advised to acquaint himself with the most important facts in the lives of the authors whose works he reads and with their place in literary history.

(a) READING.—The aim of this course is to foster in the student the habit of intelligent reading and to develop a taste for good literature, by giving him a first-hand knowledge of some of its best specimens. He should read the books carefully, but his attention should not be so fixed upon details that he fails to appreciate the main purpose and charm of what he reads.

For students entering in 1910, 1911:—*

Shakespeare's *The Merchant of Venice* and *Julius Cæsar*; Bunyan's *The Pilgrim's Progress* (Part I); *The Sir Roger de Coverley Papers* in *The Spectator*; Scott's *The Lady of the Lake* and *Ivanhoe*; Irving's *Sketch Book*; Macaulay's *Lays of Ancient Rome*; Tennyson's *Gareth and Lynette*, *Lancelot and Elaine*, and *The Passing of Arthur*; George Eliot's *Silas Marner*.

For students entering in 1912:—*

Shakespeare's *As You Like It* and *Julius Cæsar*; Franklin's *Autobiography*; Goldsmith's *The Deserted Village*; Dicken's *A Tale of Two Cities*; George Eliot's *Silas Mar-*

* The lists for the classes entering in 1910, 1911, and 1912 are selected from the lists adopted by the Conference on Uniform Entrance Requirements in English at meetings held in New York City on February 22, 1905, and February 22, 1908. Candidates may present other selections from those lists provided they notify the Registrar, on or before the first day of February preceding the examination, of the substitutions they wish to make.

ner; Irving's *Sketch Book*; Scott's *The Lady of the Lake*; Byron's *Mazeppa* and *The Prisoner of Chillon*; Macaulay's *Lays of Ancient Rome*.

For students entering in 1913, 1914, 1915:—

With a view to large freedom of choice, the books provided for reading are arranged in the following groups, from which at least ten units are to be selected, two from each group. Each unit is set off by semicolons.

I. The *Old Testament*, comprising at least the chief narrative episodes in Genesis, Exodus, Joshua, Judges, Samuel, Kings, and Daniel, together with the books of Ruth and Esther; the *Odyssey*, with the omission, if desired, of Books I, II, III, IV, V, XV, XVI, XVII; the *Iliad*, with the omission, if desired, of Books XI, XIII, XIV, XV, XVII, XXI; Vergil's *Aeneid*. The *Odyssey*, *Iliad*, and *Aeneid* should be read in English translations of recognized literary excellence.

For any unit of this group a unit from any other group may be substituted.

II. Shakespeare's *Merchant of Venice*; *Midsummer Night's Dream*; *As You Like It*; *Twelfth Night*; *Henry the Fifth*; *Julius Cæsar*.

III. Defoe's *Robinson Crusoe*, Part I; Goldsmith's *Vicar of Wakefield*; either Scott's *Ivanhoe*, or Scott's *Quentin Durward*; Hawthorne's *House of the Seven Gables*; either Dickens's *David Copperfield*, or Dickens's *Tale of Two Cities*; Thackeray's *Henry Esmond*; Mrs. Gaskell's *Cranford*; George Eliot's *Silas Marner*; Stevenson's *Treasure Island*.

IV. Bunyan's *Pilgrim's Progress*, Part I; *The Sir Roger de Coverley Papers* in the *Spectator*; Franklin's *Auto-*

biography (condensed); Irving's *Sketch Book*, Macaulay's *Essays on Lord Clive* and *Warren Hastings*, Thackeray's *English Humourists*; *Selections* from Lincoln, including at least the two Inaugurals, the Speeches in Independence Hall and at Gettysburg, the Last Public Address, and the Letter to Horace Greeley, along with a brief memoir or estimate; Parkman's *Oregon Trail*; either Thoreau's *Walden*, or Huxley's *Autobiography* and selections from *Lay Sermons*, including the addresses on Improving Natural Knowledge, A Liberal Education, and A Piece of Chalk; Stevenson's *Inland Voyage* and *Travels with a Donkey*.

V. Palgrave's *Golden Treasury* (*First Series*), *Books II and III*, with especial attention to Dryden, Collins, Gray, Cowper, and Burns; Gray's *Elegy in a Country Churchyard* and Goldsmith's *Deserted Village*; Coleridge's *Ancient Mariner* and Lowell's *Vision of Sir Launfal*; Scott's *Lady of the Lake*; Byron's *Childe Harold*, *Canto IV*, and *Prisoner of Chillon*; Palgrave's *Golden Treasury* (*First Series*), *Book IV*, with especial attention to Wordsworth, Keats, and Shelley; Poe's *Raven*, Longfellow's *Courtship of Miles Standish*, and Whittier's *Snow Bound*; Macaulay's *Lays of Ancient Rome* and Arnold's *Sohrab and Rustum*; Tennyson's *Gareth and Lynette*, *Lancelot and Elaine*, and *The Passing of Arthur*; Browning's *Cavalier Tunes*, *The Lost Leader*, *How They Brought the Good News from Ghent to Aix*, *Home Thoughts from Abroad*, *Home Thoughts from the Sea*, *Incident of the French Camp*, *Herve Riel*, *Pheidippides*, *My Last Duchess*, *Up at a Villa—Down in the City*.

(b) STUDY.—This part of the requirement is intended as a natural and logical continuation of the student's

earlier reading with greater stress laid upon content, form and style.

For students entering in 1910, 1911:—

Shakespeare's *Macbeth*; Milton's *Lycidas*, *Comus*, *L'Allegro*, and *Il Penseroso*; Macaulay's *Life of Johnson*, or Carlyle's *Essay on Burns*.

For students entering in 1912:—

Shakespeare's *Macbeth*; Milton's *Comus*, *L'Allegro*, and *Il Penseroso*, or Tennyson's *Gareth and Lynette*, *Lancelot and Elaine*, and *The Passing of Arthur*; Macaulay's *Life of Johnson*, or Carlyle's *Essay on Burns*.

For students entering in 1913, 1914, 1915:—

Shakespeare's *Macbeth*; Milton's *L'Allegro*, *Il Penseroso*, and *Comus*; Washington's *Farewell Address* and Webster's *First Bunker Hill Oration*; Macaulay's *Life of Johnson*, or Carlyle's *Essay on Burns*.

EXAMINATION

However accurate in subject-matter, no paper will be considered satisfactory if seriously defective in punctuation, spelling, or other essentials of good usage.

The examination will be divided into two parts, one of which may be taken as a preliminary, and the other as a final.

The first part of the examination will be upon ten units chosen, in accordance with the plan described earlier, from the lists headed *Reading*; and it may include also questions upon grammar and the simpler principles of rhetoric, and a short composition upon some topic drawn

from the student's general knowledge or experience. On the books prescribed for reading, the form of the examination will usually be the writing of short paragraphs on several topics which the candidate may choose out of a considerable number. These topics will involve such knowledge and appreciation of plot, character-development, and other qualities of style and treatment as may be fairly expected of boys and girls. In grammar and rhetoric, the candidate may be asked specific questions upon the practical essentials of these studies, such as the relation of the various parts of a sentence to one another, the construction of individual words in a sentence of reasonable difficulty, and those good usages of modern English which one should know in distinction from current errors.

The second part of the examination will include composition and those books comprised in the list headed *Study*. The test in composition will consist of one or more essays, developing a theme through several paragraphs; the subjects will be drawn from the books prescribed for *Study*, from the candidate's other studies, and from his personal knowledge and experiences quite apart from reading. For this purpose the examiner will provide several subjects, perhaps five or six, from which the candidate may make his own selections. The test on the books prescribed for study will consist of questions upon their content, form, and structure, and upon the meaning of important words, phrases, and allusions. It is not designed, however, to require in preparation minute drill in difficulties of interpretation, unimportant allusions, or technical details. General questions may also be asked concerning the lives of the authors, their other works, and the periods of literary history to which they belong.

FRENCH

The admission requirements in elementary and advanced French are those recommended by the Modern Language Association of America. See page 84 for college courses which correspond to the work prescribed for preparation.

a. ELEMENTARY FRENCH

The first year's work should comprise: (1) careful drill in pronunciation; (2) the rudiments of grammar, including the inflection of the regular and the more common irregular verbs, the plural of nouns, the inflection of adjectives, participles, and pronouns; the use of personal pronouns, common adverbs, prepositions, and conjunctions; order of words in the sentence, and elementary rules of syntax; (3) abundant easy exercises, designed not only to fix in memory the forms and principles of grammar, but also to cultivate readiness in reproducing natural forms of expression; (4) the reading of 100 to 175 duodecimo pages of graduated texts, with constant practice in translating into French easy variations of the sentences read (the teacher giving the English), and in reproducing from memory sentences previously read; (5) writing French from dictation.

The second year's work should comprise: (1) the reading of 250 to 400 pages of easy modern prose in the form of stories, plays, or historical or biographic sketches; (2) constant practice, as in the previous year, in translating into French easy variations upon the texts read; (3) frequent abstracts, sometimes oral and sometimes written, of portions of the text already read; (4) writing French from dictation; (5) continued drill upon the rudiments of grammar, with constant application in the construc-

tion of sentences; (6) mastery of the forms and use of pronouns, pronominal adjectives, of all but the rare irregular verb forms, and of the simpler uses of the conditional and subjunctive.

Suitable texts for the second year are: About, *Le Roi des Montagnes*; Bruno, *Le Tour de la France*; Daudet's easier short tales; Bedollière, *La Mère Michel et son Chat*; Erckmann-Chatrian's stories; Foa, *Contes Biographiques* and *Le petit Robinson de Paris*; Foncin, *Le Pays de France*; Labiche and Martin, *La Poudre aux Yeux* and *Le Voyage de M. Perrichon*; Legouv   and Labiche, *La Cigale chez les Fourmis*; Malot, *Sans Famille*; Mair  t, *La T  che du petit Pierre*; M  rim  e, *Colomba*; extracts from Michelet; Sarcey, *Le Si  ge de Paris*; Verne's stories.

b. ADVANCED FRENCH

The work should comprise the reading of 400 to 600 pages of French of ordinary difficulty, a portion to be in the dramatic form; constant practice in giving French paraphrases, abstracts or reproductions from memory of selected portions of the matter read; the study of a grammar of moderate completeness; writing from dictation.

Suitable texts are: About's stories; Augier and Sandeau, *Le Gendre de M. Poirier*; B  ranger's poems; Corneille, *Le Cid* and *Horace*; Copp  e's poems; Daudet, *La Belle-Nivernaise*; La Br  te, *Mon Oncle et mon Cur  *; Madame de S  vign  's letters; Hugo, *Hernani* and *La Chute*; Labiche's plays; Loti, *P  cheur d'Islande*; Mignet's historical writings; Moli  re, *L'Avare* and *Le Bourgeois Gentilhomme*; Racine, *Athalie*, *Andromaque*, and *Esther*; George Sand's plays and stories; Sandeau, *Mademoiselle de la Seigli  re*; Scribe's plays; Thierry, *R  cits des Temps M  rovingiens*;

Thiers, *L'Expédition de Bonaparte en Egypte*; Vigny, *La Canne de Jonc*; Voltaire's historical writings.

GERMAN

The admission requirements in elementary and advanced German are those recommended by the Modern Language Association of America.

See page 83 for college courses which correspond to the work prescribed for preparation.

a. ELEMENTARY GERMAN

The first year's work should comprise: (1) careful drill in pronunciation; (2) memorizing and frequent repetition of easy colloquial sentences; (3) drill in the rudiments of grammar, that is, in the inflection of the articles, of such nouns as belong to the language of everyday life, of adjectives, pronouns, weak verbs, and the more usual strong verbs; also in the use of the more common prepositions, the simpler uses of the modal auxiliaries, and the elementary rules of syntax and word order; (4) abundant easy exercises designed not only to fix in mind the form and principles of grammar, but also to cultivate readiness in reproducing natural forms of expression; (5) the reading of 75 to 100 pages of graduated texts from a reader, with constant practice in translating into German easy variations upon sentences selected from the reading lesson (the teacher giving the English), and in reproducing from memory sentences previously read.

The second year's work should comprise: (1) the reading of 150 to 200 pages of literature in the form of easy stories and plays; (2) accompanying practice, as before, in translating into German easy variations upon the

matter read, also in the off-hand reproduction, sometimes orally and sometimes in writing, of the substance of short and easy selected passages; (3) continued drill in the rudiments of grammar, to enable the pupil, first, to use his knowledge with facility in forming sentences, and secondly, to state his knowledge correctly in the technical language of grammar.

Stories suitable for the elementary course can be selected from the following list: Andersen, *Märchen* and *Bilderbuch ohne Bilder*; Arnold, *Fritz auf Ferien*; Baumbach, *Die Nonna* and *Der Schwiegersohn*; Gerstäcker, *Germelshausen*; Heyse, *L'Arrabbiata*, *Das Mädchen von Treppi*, and *Anfang und Ende*; Hillern, *Höher als die Kirche*; Jensen, *Die braune Erica*; Leander, *Träumereien* and *Kleine Geschichten*; Seidel, *Märchen*, Stökl, *Unter dem Christbaum*; Storm, *Immensee* and *Geschichten aus der Tonne*; Zschokke, *Der zerbrochene Krug*.

The best shorter plays available are: Benedix, *Der Prozess*, *Der Weiberfeind*, and *Günstige Vorzeichen*; Elz, *Er ist nicht eifersüchtig*; Wichert, *An der Majorsecke*; Wilhelm, *Einer muss heiraten*. Only one of these plays need be read, and the narrative style should predominate. A good selection of reading matter for the second year would be Andersen, *Märchen*, or *Bilderbuch*, or Leander, *Träumereien*, to the extent of about forty pages. Afterward, such a story as *Das kalte Herz*, or *Der zerbrochene Krug*; then *Höher als die Kirche*, or *Immensee*; next a good story by Heyse, Baumbach, or Seidel; lastly *Der Prozess*.

b. ADVANCED GERMAN

The work should comprise in addition to the elementary course, the reading of about 400 pages of moderately diffi-

cult prose and poetry, with constant practice in giving, sometimes orally and sometimes in writing, paraphrases, abstracts, or reproductions from memory of selected portions of the matter read; also grammatical drill in the less usual strong verbs, the use of articles, cases, auxiliaries of all kinds, tenses and modes (with especial reference to the infinitive and subjunctive), and likewise in word order and word formation.

Suitable reading matter for the third year can be selected from such works as the following: Ebner-Eschenbach, *Die Freiherren von Gemperlein*; Freytag, *Die Journalisten* and *Bilder aus der deutschen Vergangenheit*, for example, *Karl der Grosse*, *Aus den Kreuzzügen*, *Doktor Luther*, *Aus dem Staat Friedrichs des Grossen*; Fouqué, *Undine*; Gerstäcker, *Irrfahrten*; Goethe, *Hermann und Dorothea* and *Iphigenie*; Heine's poems and *Reisebilder*; Hoffman, *Historische Erzählungen*; Lessing, *Minna von Barnhelm*; Meyer, *Gustav Adolfs Page*; Moser, *Der Bibliothekar*; Riehl, *Novellen*, for example, *Burg Neideck*, *Der Fluch der Schönheit*, *Der stumme Ratsherr*, *Das Spielmannskind*; Rosegger, *Waldheimat*; Schiller, *Der Neffe als Onkel*, *Der Geisterseher*, *Wilhelm Tell*, *Die Jungfrau von Orleans*, *Das Lied von der Glocke*, *Balladen*; Scheffel, *Der Trompeter von Säckingen*; Uhland's poems; Wildenbruch, *Das edle Blut*. A good selection would be: (1) one of Riehl's novelettes; (2) one of Freytag's "pictures"; (3) part of *Undine* or *Der Geisterseher*; (4) a short course of reading in lyrics and ballads; (5) a classical play by Schiller, Lessing, or Goethe.

HISTORY

(Including Historical Geography)

(a) Ancient History, including the history of Greece to

the death of Alexander and the history of Rome to 814 A. D.

(b) Mediæval and Modern History, from 814 to the present time.

(c) English History.

(d) American History.

PHYSICS

A course extending through one year, involving both class exercises and laboratory work. The class work should include careful study of the whole subject as presented in some good text-book of high school grade. The candidate should perform not less than thirty-five experiments requiring careful measurements. When the candidate applies for admission, his note-book containing the original records of these experiments and his reports on the work should be presented, properly certified by the instructor.

CHEMISTRY

The examination will include illustrations from any of the following topics in non-metallic chemistry.

Properties of the principal acid-forming elements and their compounds; simple problems on relations by weight; relations between gas-volumes and the weights of chemically related solids; acids, bases and salts; formation of acids and bases from their salts; valence; series of oxy-acids and their salts; oxidation and reduction; acid anhydrides; hydrated and poly-acids.

PHYSIOGRAPHY

Dryer's *Physical Geography* or Davis's *Elementary Physical Geography*, with laboratory work and excursions for

observations of land features. Note-book and laboratory records endorsed by the teacher must be submitted.

PHYSIOLOGY

The candidate should complete a course of recitation and laboratory work of not less than forty hours, including the study of the structure of the principal organs of the human body, and especially their working. The emphasis should be placed on function. An elementary knowledge of personal hygiene as the practical application of this science is required.

The following text-books are recommended: Hough and Sedgwick's *The Human Mechanism*, Martin's *The Human Body* (elementary course), Fitts' *Physiology and Hygiene*, Eddy's *Text Book in General Physiology and Anatomy*.

BIOLOGY

The candidate should complete a course of recitations and laboratory exercises occupying five hours a week, through not less than a half year; the course to include an outline of the animal kingdom, together with the classification, habits, and economic importance of the animals in the various divisions. The laboratory drawing and note-book, properly certified, should be presented at the examination. The New York State Regents' recommendation for Elementary Zoology in their Syllabus for Secondary Schools is the standard.

BOTANY

The candidate should complete a course of recitation and laboratory work of not less than five hours a week for one half of a school year. The class work should cover the structure and important physiological processes of flowering plants. The candidate should present a labo-

ratory book properly certified by the instructor. No credit will be given for an herbarium. The following text-books are recommended: Bergen's *Foundations of Botany*, Coulter's *Plant Relations and Plant Structures*, Leavitt's *Outlines of Botany*, Stevens's *Introduction to Botany*.

HARMONY

The candidate should acquire: (1) the ability to harmonize in four vocal parts simple melodies of not fewer than eight measures, in soprano or in bass. The harmonization of such melodies requires a knowledge of triads and inversions, of diatonic seventh chords and their inversions, in major and minor modes, and of modulation, transient or complete, to nearly related keys. (2) A knowledge of analysis of ninth chords, of all non-harmonic tones, and of altered chords.

Systematic ear-training (as to interval, melody, and chord) is urgently recommended as part of the preparation for this examination. A full knowledge of the rudiments of music,—scales, intervals, and staff notation, is expected.

EXAMINATIONS FOR ADMISSION

Examinations are held twice each year, in June and in September. On recommendation by the Principal of their school, candidates are allowed to take examinations in any of the subjects required for admission.

PRELIMINARY EXAMINATIONS

The candidate may, at his option, take his examinations in two parts, preliminary and final, thus dividing his subjects between two years, or between June and September of the same year. The preliminary examination will

cover the whole of each subject designated by a small letter; for example Mathematics a, Latin c, which may not be divided between the preliminary and final examination. Credits given for preliminary examinations are valid for fifteen months only. Candidates are advised to reserve for their final examinations the following subjects; Homer, Vergil, Greek and Latin prose composition, Algebra or Geometry, and English b.

EXAMINATIONS IN JUNE

After 1910 the entrance examinations in June are those of the College Entrance Examination Board, in which Amherst College holds membership.* All applications for such examinations must be made to the Secretary of the College Entrance Examination Board, Post Office Sub-Station 84, New York, N. Y., from whom all information regarding these examinations may be obtained. These examinations are conducted annually at many places in the United States and Canada, including Amherst.

In June, 1910, the entrance examinations of the College Entrance Examination Board will be held June 20-25, 1910.

All applications for examination must be addressed to the Secretary of the College Entrance Examination Board, Post Office Sub-Station 84, New York, N. Y., and must be made upon a blank form to be obtained from the Secretary of the Board upon application.

Applications for examination at points in the United States east of the Mississippi River, also at Minneapolis, St. Louis, and other points on the Mississippi River, must be received by the Secretary of the Board at least two weeks in advance of the examinations, that is, on or before Monday, June 4, 1910; applications for examination elsewhere in the United States or in Canada must be received at least three weeks in advance of the examinations, that is, on or before Monday, May 30, 1910; and applications for examination outside of the

*In June 1910 the entrance examinations of the College Entrance Examination Board and of the College will be given simultaneously. For the latter, the fee is the same as for examinations in September.

United States and Canada must be received at least five weeks in advance of the examinations, that is, on or before Monday, May 16, 1910.

Applications received later than the dates named will be accepted when it is possible to arrange for the admission of the candidates concerned, but only upon the payment of \$5.00 in addition to the usual fee.

The examination fee is \$5.00 for all candidates examined at points in the United States and Canada and \$15.00 for all candidates examined outside of the United States and Canada. The fee (which cannot be accepted in advance of the application) should be remitted by postal order, express order, or draft on New York to the order of the College Entrance Examination Board.

A list of the places at which examinations are to be held by the Board in June, 1910 will be published about March 1. Requests that the examinations be held at particular points, to receive proper consideration, should be transmitted to the Secretary of the Board not later than February 1.

The marks given by the Board to the papers of the candidate will be accepted by Amherst College upon the same terms as the results of the examinations held by the college in September.

Examination papers are not sent out from the College to preparatory schools.

EXAMINATIONS IN SEPTEMBER

The September examinations are given only by the College, at Amherst. These examinations are held in Room 5, Walker Hall, on Friday, Saturday, Monday, Tuesday, and Wednesday, September 16-21, 1910.

For the examinations in September a fee of five dollars is charged, payable to the Treasurer of the College at the time of registration. Credit will be given for this amount on the first term-bill, due at the beginning of the student's first semester in college. All candidates should present themselves promptly at the hour assigned for registration.

The order of examinations in September is as follows:

FRIDAY

9 A.M.	Registration	1.30 P.M.	Greek I
10 A.M.	Biology		Chemistry
	Physiology	3.30 P.M.	Greek II
	Botany		Physics
	Harmony		
	Physiography		

SATURDAY

8 A.M.	Mathematics a	1.30 P.M.	Latin I
	Mathematics b	3.30 P.M.	Latin II

MONDAY

8 A.M.	Mathematics c	1.30 P.M.	English a
	Mathematics d		English b
10 A.M.	Mathematics f		

TUESDAY

8 A.M.	French a	1.30 P.M.	French b
10 A.M.	German a	3.30 P.M.	German b

WEDNESDAY

8 A.M.	History a
	History b
	History c
	History d

For Porter Admission Prize see page 132.

Candidates are also admitted upon presentation of certificates from preparatory schools or certificates of examination by an Examination Board.

ADMISSION BY CERTIFICATE

From certain preparatory schools of approved standing, certificates of fitness to enter College are received in place

of entrance examinations; but such certificates must be filled out in detail in accordance with forms printed by the College and furnished to principals of such schools upon application to the Registrar.

In order to meet the full requirements in these subjects, certificates in Greek and Latin must specify that the candidate has pursued a systematic course of study, not less than five hours a week, during three school years for Greek and four for Latin. In elementary algebra and plane geometry no certificate will be accepted for work that has not been pursued or reviewed within the two years preceding the date of the student's admission to College. No certificate will be accepted for work in solid geometry, advanced algebra, and plane trigonometry. Beginning in June, 1910, no certificate will be accepted for work in French and German. In general the amount of work required in each subject is indicated in the detailed description already given under subjects for examination.

Certificates will be received from those schools in New England which have been approved by the New England College Entrance Certificate Board. Principals of schools in New England who desire the certificate privilege should address the Secretary of the Board, Professor Nathaniel F. Davis, 159 Brown Street, Providence, Rhode Island.

Certificates are received from those schools outside of New England which have been approved by this college. In determining the eligibility of these schools to the certificate privilege the College follows in general the method of the New England Board. From schools which for four consecutive years have sent no students to this college the certificate privilege is withdrawn unless exception is made by the Faculty.

ADMISSION BY CERTIFICATE OF EXAMINATIONS

The pass-cards, certificates, and diplomas given by the Regents of the University of the State of New York are accepted in place of entrance examinations in subjects which they cover. It is to be noted, however, that in Greek, in addition to their requirements, an examination must be taken upon the fourth book of the *Anabasis*, and the translation of Greek at sight, and that in Mathematics such certificates are accepted only so far as they cover the requirements of Amherst College, stated on page 49.

Certificates of the New York State Examinations Board are accepted.

CONDITIONS

A candidate may be admitted even if he has some deficiencies in the studies required; but no student is allowed to remain in College over two years with an entrance condition. The precise number of deficiencies allowed is not specified, but each case is considered on its merits.

ADMISSION TO ADVANCED STANDING

No student is admitted to advanced standing later than the beginning of Senior year.

Candidates for advanced standing are examined in the studies that have been pursued by the class they wish to enter; also in the requirements for admission to College. A student from another college should present a letter of honorable dismissal, together with a detailed, certified statement of the work done by him in each department of study at the college from which he comes. Credit is given for all such work, if certified by a college of acknowledged standing. For the particular books in Greek, Latin

or modern languages studied by each class, and indicated in this catalogue, equivalent amounts may be offered from other books in the same language; but prose will not be accepted for poetry. For special examinations for advanced standing a fee of three dollars is charged in each subject.

Courses of Instruction

ALL courses are assigned three hours each week, except Mathematics 1 and 2, which are four-hour courses. In the numbering of courses an odd numeral denotes the first semester, an even numeral the second semester.

Every student is required to take five courses in each semester of Freshman, Sophomore, and Junior years. During Senior year ten semester courses must be taken, one of which may be Debates, and at least four of the ten courses shall be completed in the last semester. No student is allowed to take more than six courses in a semester. For courses open to the several classes, see page 97.

Candidates for the degree of Bachelor of Science shall complete second year German, and second year French, Italian, or Spanish, and, in addition to the studies of Freshman year, thirty semester courses, twelve of which are to be chosen from sciences, mathematics, or economics. Sciences taken in Freshman year are included in the twelve courses. Not more than two courses in economics may be reckoned in the twelve courses.

Credits for subjects previously taken may not be used to reduce the number of courses required in any semester, nor as substitutes for delinquencies subsequently incurred.

The requirement of ten semester courses instead of nine in Senior year, and of forty courses instead of thirty-nine for graduation, goes into effect with the class of 1911.

STUDIES OF FRESHMAN YEAR

In Freshman year all students are required to take mathematics and English both semesters, hygiene one semester, and declamation one semester.

Those who present for admission both Latin and Greek, are required to study those languages the first year, unless they have presented, in addition to Latin and Greek, a modern language, elementary and advanced, in which case they may elect a modern language the first year instead of one of the ancient languages. In either case they must choose in addition one study from the list of Freshman electives given below.

Those who present for admission only one ancient language, Latin I and II or Greek I and II, are required to study that language the first year and also a modern language, together with one other study from the list of Freshman electives given below.

Candidates for the degree of B.S. who are not credited with Latin II or Greek II are required to take two modern languages, one of which must be German, and in addition one other study from the list of Freshman electives; but those who have presented both Latin I and II may become candidates for the degree of B.A. by taking the Latin of Freshman year, which may be chosen in place of one of the two modern languages otherwise required.

The Latin of Freshman year may be taken only by those students who have completed both Latin I and II.

Freshmen who have credits in required studies may elect in place of them courses offered to the Sophomore class.

FRESHMAN ELECTIVES

French 1-2, 3-4, 5-6	Chemistry 1-2
German 1-2, 3-4, 5-6	Mathematics 11
Italian 1-2	Physiology 2
Spanish 1-2	English 4
Biology 1-2	Physiology 2

Those who have Freshman Greek may choose Greek 2 or 4 the second semester.

STUDIES OF SOPHOMORE, JUNIOR AND SENIOR YEARS

All courses after Freshman year are elective except declamation in Sophomore year. Choices are made for the semester and may be changed only by permission of the Administration Committee. No change of elective will be allowed later than the fourth week of the semester.

Choice of electives for the first semester must be made on or before the Tuesday preceding the beginning of the college year, and for the second semester, on or before the Saturday preceding the beginning of the final examinations of the first semester. When choices are made by the specified time, and also when electives are changed, a fee of two dollars is imposed.

STUDIES OF SPECIAL STUDENTS

Special students shall take as many courses as are taken by regular students. The first year they shall study the modern language in which they are prepared, and the required studies of Freshman year for which they are prepared except such subjects as they have already taken. Other studies may be chosen from Biology, Chemistry, Physics, Modern Languages, and History. After the first year all studies are elective.

EXTRA COURSES

A student who has an average of not less than 70 in the previous semester, and has not failed in any course in that semester, may elect six courses. In all other cases extra courses may be taken only with the approval of the Administration Committee.

Petitions for such courses shall be made on blanks furnished by the Registrar's office. The student shall indicate on his schedule the course which is extra. After two weeks the Registrar may not change an extra course to a regular course without the consent of the Administration Committee. Credit is not given for an extra course, unless it is taken as a substitute for a previous delinquency or to enable the student to graduate in less than four years. Credits for extra courses may not be substituted for delinquencies subsequently incurred. A student who has failed to complete the required number of studies in any semester is not permitted to take an extra course in the following semester, unless exception is made by the Administration Committee.

Public speaking in the first semester of Junior year may not be taken as an extra course.

Credit for one semester course is given for every four semesters' rehearsal and concert work in the music department.

PHILOSOPHY

PROFESSOR TOLL

1. Psychology.

The aim of the course is to acquaint the student with general psychology, both in theory and in its various applications.

2. Experimental psychology (elementary laboratory course).

Lectures, demonstrations, laboratory work, and collateral reading.

(Course 1 requisite.)

4. Advanced psychology.

A detailed study of some of the problems and theories of modern psychology.

(Course 1 requisite.)

PROFESSOR NEWLIN

6. Introduction to philosophy.

A study of the fundamental problems of metaphysics and ethics, and their bearing on sociology.

(Course 1 requisite.)

7. Philosophy.

A study of political ethics with special reference to its bearing on social problems; aesthetics; philosophy of religion.

(Course 6 requisite.)

8. Social ethics (seminar).

A study of philosophical principles in their application to the modern problems of philanthropy, industry, and social life.

Instructor's approval requisite to election of this course.

(Course 7 requisite.)

PROFESSORS NEWLIN AND TOLL

9. History of ancient philosophy. (*Omitted in 1909-1910.*)

Lectures, readings and discussions.

(Course 6 requisite.)

10. History of modern philosophy.
Lectures, readings and discussions.
(Course 6 requisite.)

HISTORY

MR. HALL

1. The early Middle Ages; the passing of the Roman Empire and the beginnings of Christianity; Feudalism; the Crusades; and other characteristic phenomena of the period.
2. The later Middle Ages; the development of Nationalities; the Culture and Church of the Middle Ages; the Italian Cities; the Renaissance and the Protestant Revolt.

PROFESSOR GALLINGER

- 3, 4. The general history of England, with emphasis on the modern period.
- 5, 6. The Colonial Era of American history, 1492-1763.
- 7, 8. The Renaissance. (*Omitted in 1909-1910.*)

This course includes the development of the European states, and particularly of the principal Italian states, from 1300 to 1500, the revival of learning, literature, and art, the growth of industry and commerce and the geographical expansion of Europe.

Courses 3 and 4 are given alternate years with 7 and 8.

PROFESSOR F. L. THOMPSON

9. European history from the Peace of Westphalia to the beginning of the French revolution, 1648-1789.
10. European history, 1789-1870.
11. Political and constitutional history of the United States to the election of Jackson, 1765-1828.

12. Political and constitutional history of the United States since the election of Jackson

ECONOMICS

PROFESSORS CROOK AND HANCOCK

1. Outlines of Economics. Ely's *Outlines of Economics*; John Stuart Mill's *Principles of Political Economy*.

PROFESSOR CROOK

2. Socialism and Social Problems. Spargo's *Socialism*; the writings of the four groups of social reformers, the Utopists, the Moral and Ethical group, the Socialist group, and the Fabians. (*Omitted in 1909-1910.*)

PROFESSOR HANCOCK

4. Transportation. History and analysis of the transportation problem in the United States. (*Omitted in 1909-1910.*)

6. Public Finance. The principles of public revenues and expenditures, with special emphasis on the problems of taxation.

PROFESSOR CROOK

8. Labor Problems, including trades-unionism and the wage question. Adams and Sumner's *Labor Problems*.

PROFESSOR HANCOCK

10. Corporations and Trusts. A study of the principles of corporation finance, followed by a consideration of the trust problem in the United States.

11. Industrial Evolution and Economic History of England. A study of the evolution of industrial society as illustrated by the history of economic life in England.

12. Economic History of the United States.

PROFESSOR CROOK

13. Sociology. Dealey's *Sociology*; Ross's *Social Psychology*; selected readings.

PROFESSOR HANCOCK

15. Money and Banking.

PROFESSOR CROOK

17. Advanced Economic Theory. Assigned readings in the English Classical Economists, and the works of the Austrian, Italian, and American writers.

18. Advanced Economic Theory. Course 17 continued.

Courses 1, 11, and 12 are open to all Juniors and Seniors; courses 2, 4, 6, 8 and 10 are open to Juniors and Seniors who have had Economics 1; and courses 13, 15, 17, and 18 are open only to Seniors who have had Economics 1.

The department conducts a seminar course once each week during the winter months, to which those are admitted who have attained high standing in Economics 1.

MODERN GOVERNMENT AND INTERNATIONAL LAW

PROFESSOR GROSVENOR

2. Fundamentals of international law; definitions; the state; attributes of a state; government; object and test of government; influence of original theories, of time and of circumstances; governments as single or federal, as monarchic, aristocratic or democratic, as constitutional or arbitrary.

3. Existing governments, national, municipal, and local, in the states of Europe and America, and in Japan, China, India, and Australia.

(2 requisite.)

4. The rights of states; international intercourse; relations of states at war; belligerents and neutrals; history, progress, and future of international law.

(2 and 3 requisite.)

Under the governmental systems of different states their constitutions, administrative methods, and fundamental political ideas are discussed. The physical, ethical, and religious condition of peoples is investigated to ascertain the influence of such conditions upon their political life. Attention is paid to special topics of contemporaneous interest. During each semester at least one thesis and two discussions will be presented by each student upon subjects assigned. Grosvenor's *Contemporary History*. Wilson's *The State*. Lawrence's *International Law*.

BIBLICAL LITERATURE

PROFESSOR GENUNG

1. Foundations; the formative centuries, to the time of the literary prophets.

2. Prophecy and other literature to the Babylonian exile.

3. Post-exilic literature; coming of the Son of Man.

4. Literature of the apostolic era.

GREEK

PROFESSOR ELWELL

A. Course for students beginning Greek. *Anabasis*, *Iliad*, and prose composition; four hours a week through the year.

This course is given to three or more students, on application.

1. Homer, *Odyssey*.
2. Lysias.

PROFESSOR SMITH

3. Greek drama. Sophocles, *Antigone*; Euripides, *Troades*; selected dramas; lectures on the development of tragedy and the theatre; study of other selected dramas in an English translation.

4. Plato, *Apology* and *Crito*; Xenophon, *Memorabilia*; lectures and reading on the life and influence of Socrates.

5. The later Greek poets; Theocritus, Bion, Moschus; the Greek Anthology.

6. Lucian; selections: the Greek romance.

7. Epic poetry; Homer, *The Iliad*, rapid reading; Apollonius Rhodius, *Argonautica III*; lectures and reports on the history and criticism of the Homeric poems. (*Omitted in 1909-1910.*)

8. Aristophanes, *Birds*, with lectures on the development of comedy; Æschylus, *Agamemnon*, with a study of the other plays of the Orestes trilogy in an English translation. (*Omitted in 1909-1910.*)

Courses 5, 6 are given alternate years with 7, 8.

PROFESSOR ELWELL

9. The New Testament, the Acts of the Apostles.

10. The Greek Historians: 1909-10, Herodotus; 1910-

11, Thucydides.

PROFESSOR SMITH

12. Greek Literature; Drama; lectures; study of selected works in an English translation, with reports on special topics.

Knowledge of the Greek language is not required.

LATIN

DR. HOUGHTON AND DR. CHAMBERLAYNE

1. Cicero, *De Senectute*, or *De Amicitia*; collateral reading on the life and times of Cicero. Livy, selections from Books I, XXI and XXII; lectures on Rome and Carthage; collateral reading on the Punic wars; sight reading; prose composition.

2. Horace, selections from the *Odes* and *Satires*; study of the Horatian metres; collateral reading on Horace as a lyric poet.

PROFESSOR COWLES

3. Tacitus, *Agricola* and *Germania*. Selections from the *Letters* of Pliny the Younger. A study of the times in relation to the literature of this period; characteristics of the Silver Age Latinity. Illustrated lectures on Roman life and monuments.

4. Selections from Cicero's *Letters*. Selections from Catullus and other Roman poets. History of Latin literature.

5. The Latin drama; a tragedy of Seneca and two comedies of Plautus or Terence, with lectures on the Roman theatre, the origin and development of the Latin drama and its influence on later writers. In the tragedy, especial attention will be given to the dramatic form, character-drawing, diction and style; in the comedies, to the vocabulary, ante-classical forms, constructions, and the value of Roman comedy to the philologist and to the student of Roman life.

6. The works of Vergil with especial reference to their literary qualities, and the poet's influence on subsequent literature; or, Roman Satire, Horace, Persius and Juvenal.

DR. HOUGHTON

7. Tacitus, selections from the *Histories*; lectures on classical historiography.
8. Lucretius, selections from *De Rerum Natura*; study of the philosophical, ethical, and poetical elements of the poem.

DR. CHAMBERLAYNE

9. Roman Satire: Horace, Persius, Juvenal, selected epigrams of Martial; *Cena Trimalchionis* of Petronius; lectures.
10. Life and works of Ovid, with special attention to the *Metamorphoses*; lectures on Mythology.

PROFESSOR COWLES, DR. HOUGHTON, AND DR. CHAMBERLAYNE

12. Course for students intending to teach Latin; Cæsar, Cicero, and advanced prose composition.

GERMAN

PROFESSORS EASTMAN AND MANTHEY-ZORN

1. Elementary course; grammar, pronunciation, composition, colloquial exercises.
2. Continuation of 1; composition, syntax, translation from prose selections.
3. Prose composition, with review of grammar; reading of modern prose.
4. Schiller and Goethe; a representative work of each author; composition and free reproduction.
5. The German drama of the nineteenth century; Grillparzer, Hebbel; lectures and essays.
6. Goethe, *Faust*; lectures on the history of the Faust legend; Goethe's life; essays.

PROFESSOR EASTMAN

- 7, 8. The German novel of the nineteenth century.
Open to students of high rank.

PROFESSOR MANTHEY-ZORN

9. Modern German Drama. (*Omitted in 1909-1910.*)
10. German lyrics of the nineteenth century. (*Omitted in 1909-1910.*)

Open to students of high rank.

Courses 7, 8 are given alternate years with 9, 10.

PROFESSOR EASTMAN

11. Middle High German; grammar; reading of selections from the *Nibelungenlied*.

12. Middle High German; Walther von der Vogelweide and other Minnesingers.

(Two semesters in addition to 5 and 6 requisite.)

ROMANCE LANGUAGES

FRENCH

PROFESSORS BAXTER, LANCASTER, GALPIN AND STOWELL

- 1, 2. Elementary course: pronunciation, grammar (composition), translation.

- 3, 4. Advanced course: rapid reading, syntax, composition and conversation.

PROFESSOR LANCASTER

5. Tragedy.
6. Molière's comedies.

PROFESSOR GALPIN

- 7 8. The Novel.
(5 and 6 requisite).

PROFESSORS LANCASTER AND STOWELL

9. Drama of the eighteenth and nineteenth centuries.
10. Essayists and letter-writers.
(5, 6, 7, and 8 requisite.)
- 11, 12. Old French.

Given on application of three or more students who have completed 9, 10.

ITALIAN

PROFESSOR BAXTER

1, 2. Pronunciation, grammar, translation. Stories by De Amicis, Castelnovo, Farina, Verga, Fucini, and Serao; Manzoni, *I Promessi Sposi*.

3, 4. Reading, composition, and lectures on the history of Italian literature. Selected tales from Boccaccio, *Decamerone* (Fornaciari); Ariosto, *Orlando Furioso* (Papini); Castiglione, *Il Cortegiano* (Cian).

5, 6. Dante, *Vita Nuova*, *Divina Commedia* (Scartazzini); lectures on Dante.

Courses 5, 6 are given alternate years with 3, 4.

SPANISH

PROFESSORS GALPIN AND STOWELL

1, 2. Pronunciation, grammar, translation, conversation.

PROFESSOR GALPIN

3. The modern novel. (*Omitted in 1909-1910.*)

A reading knowledge of French is required.

4. The novel of the sixteenth and seventeenth centuries; reading of *Lazarillo de Tormes* and selections from *Don Quijote*. (*Omitted in 1909-1910.*)

5, 6. The drama.

Courses 5, 6 are given alternate years with 3, 4.

ENGLISH

PROFESSORS CHURCHILL, UTTER AND HAMILTON,
AND MR. ANDREWS

1. Composition; exposition; themes and conferences; reading in standard authors.
2. Continuation of 1; description and narration.

PROFESSOR HAMILTON AND MR. ANDREWS

4. American Literature.

PROFESSOR UTTER

5. General introduction to English literature, 1798-1900; themes and conferences.
6. Continuation of 5.

PROFESSORS GENUNG AND HAMILTON

7. English literature of the Victorian age; essayists and critics; lectures, readings, discussions.
8. Continuation of 7; the Victorian poets.

PROFESSOR CHURCHILL

9. The Drama as a species of art, its aims, principles, and methods; Greek, Roman, French, German, and English dramas as examples and illustrations. (*Omitted in 1909-1910.*)
10. The English Drama; rise and development; works of the predecessors of Shakespeare; the dramatic art of Shakespeare. (*Omitted in 1909-1910.*)
11. The English Drama; rise and development; the predecessors of Shakespeare; Shakespeare.
12. Continuation of 11.

PROFESSOR UTTER

13. The English Novel; its form and development; themes and conferences.
14. Continuation of 13.

PROFESSOR HAMILTON

15. Elizabethan non-dramatic literature, 1557-1604.
16. English literature, 1604-1700.

PROFESSOR UTTER

17. Advanced composition.

Open, with the permission of the instructor, to Seniors and to specially qualified Juniors.

18. Continuation of 17.

PROFESSOR CHURCHILL

19. Critical study of English poets: Pope, Cowper, Burns, Byron, Shelley, Wordsworth.
20. Continuation of 19.

For English 19 and 20, two courses chosen from 9 to 16 are requisite as precedent or parallel courses.

21. Old English (Anglo-Saxon). Cook-Sievers's *Grammar of Old English*; Sweet's *Anglo-Saxon Primer*; Bright's *Anglo-Saxon Reader*; *Beowulf*; lectures on the origin and development of Old English.

22. Old English Poetry; *Beowulf* continued; Middle English, especially Chaucer; *Prologue to the Canterbury Tales*; lectures on the history of Middle English, and its development into Modern English; Sweet's *Second Middle English Primer*.

23. Old English Literature. (*Omitted in 1909-1910.*)

This course is given alternate years with the linguistic course 21, and is devoted to the literature of the period. Knowledge of Anglo-Saxon is not required.

24. Middle English Literature. (*Omitted in 1909-1910.*)

This course is given alternate years with 22. Special attention is paid to the Middle English lyrics, *Piers Plowman*, the Arthurian tales, the Mystery plays, Chaucer. Knowledge of Middle English is not required.

PUBLIC SPEAKING

PROFESSOR CORSA

2. Oral interpretation; declamations, one-hour course individual training.

Required of all Freshmen.

3. Oral interpretation; declamations, one-hour course; individual training.

Required of all Sophomores.

5. Lectures; examples for praxis; oral interpretation; orations; argumentation in debates; discussions; speeches.

7. Debates on social, economic, historical, and political questions.

This is a one-hour course continuing till the end of the first semester. Any elective course may be taken in place of debates the first semester of Senior year with credit of a one-hour course. All students electing course 7 who have not previously taken course 5 must enter the course on or before October 1.

The department also furnishes individual training of contestants for the Freshman and Sophomore Kellogg prizes and for the Hyde and Bond prizes in the Spring term.

ART

PROFESSOR SMITH

1. Greek Art. Sculpture and architecture, introduced by a brief study of the nature and functions of art. Lec-

tures illustrated by photographs, casts, and lantern slides. Collateral reading, with reports on assigned topics. (*Omitted in 1909-1910.*)

PROFESSOR BAXTER

2. Roman and Italian Art. (a) Roman architecture; Italian architecture, including early Christian, Byzantine, Romanesque, Gothic, and Renaissance. (b) Italian sculpture; five lectures. (c) Italian painting of the Renaissance; twenty-five lectures. All lectures illustrated by stereopticon. Collateral reading and study of photographs.

MUSIC

PROFESSOR BIGELOW

1. Elements of music; history of the scales; sight-reading; elementary harmony; chord analysis; choral and orchestral work.

2. Chord analysis; sight-reading and harmony continued; history of music; study of forms; choral and orchestral work.

(1 requisite.)

3, 4. History of music continued; form analysis; musical literature; choral and orchestral work.

(1, 2 requisite.)

Pianos and a large Æolian Orchestrelle are placed at the disposal of all students taking these courses.

Chorus and Orchestra.

Students not electing the courses outlined above may, if qualified, become members of the chorus or orchestra, and receive credit as follows: four semesters of such work is credited as a semester course; less than two consecutive semesters is not counted. The time required for rehearsals and concerts averages three hours per week.

MATHEMATICS

PROFESSORS OLDS AND ESTY, MR. PARKER AND MR. COBB

1. Solid and spherical geometry; plane trigonometry.
2. Trigonometry continued; advanced algebra, including an introduction to the simplest methods of analytical geometry and the calculus.
3. Plane analytical geometry.
4. Differential and Integral Calculus.
5. Calculus continued, and introduction to analytical geometry of three dimensions.
6. Analytic mechanics; vector methods introduced.
7. Differential equations, ordinary and partial, with their applications; vector methods continued.
8. Advanced analytic geometry and advanced integral calculus.
10. Introduction to the theory of functions. (*Omitted in 1909-1910.*)
Course 10 is given alternate years with Course 8.
Designed primarily for students who are preparing to enter schools of technology or to teach.
11. Descriptive geometry.
12. Descriptive geometry; continuation of 11. (*Omitted in 1909-1910.*)
14. Mechanical drawing.
(Course 11 requisite.)
Course 14 is given alternate years with Course 12.

PHYSICS

PROFESSORS KIMBALL AND J. O. THOMPSON AND MR. WESTHAFFER

1. Elementary mechanics; equilibrium and motion of solids, liquids, and gases, capillarity and molecular forces; heat; electricity and magnetism.

2. Electricity and magnetism continued; sound and light.

3. A course in electric and magnetic measurements and in heat.

(1 and 2 requisite.)

4. Heat and elementary thermodynamics and physical optics, with especial reference to interference, diffraction, and polarization, and the optical properties of crystals.

5. Some problems in optics; electromagnetic theory of light and electric waves; discharge of electricity through gases; radioactivity.

(Mathematics 5 and 6 requisite.)

6. Dynamo-electric machinery, with especial reference to alternating currents of electricity.

(Mathematics 5 and 6 requisite.)

ASTRONOMY AND NAVIGATION

PROFESSOR TODD

1. General and descriptive astronomy and astrophysics. Todd's *New Astronomy*; lectures upon the history of geodesy and astronomy. Observations with telescopes and other apparatus, as laboratory practice. Determinations of time.

(Physics 2 requisite.)

2. Practical astronomy and astrophysics (Campbell, Souchon); *Theoretical Astronomy* (Watson); *Investigation of the orbit of Uranus*; observatory work with equatorial, transit, and spectroscope.

(Mathematics 1, 2, 5, and 6 and Astronomy 1 requisite.)

This course includes the theory of the construction, adjustment, and use of the instruments of the observatory, and each student makes observations, and completely calculates,

or reduces them. Also the theory of practical computation, the construction of tables of the motions of the heavenly bodies, and of the Astronomical Ephemeris and Nautical Almanac.

4. History of navigation; instruments of navigation; compass errors and their correction; finding the ship's position; sextant practice.

(Mathematics 1, 2 and Astronomy 1 requisite.)

CHEMISTRY

PROFESSORS HOPKINS, HALL, AND DOUGHTY

1. Fundamental laws. The non-metallic elements and their compounds.

2. The metallic elements and their compounds.

PROFESSOR DOUGHTY

3. Qualitative Analysis. Reactions and detection of the common metals and acids.

(1, 2 requisite.)

4. Organic chemistry. An introduction to the chemistry of the compounds of carbon. General theory of organic chemistry and preparation of typical compounds.

(1, 2 and 3 requisite.)

PROFESSOR HALL

5. Quantitative analysis, chiefly laboratory work in gravimetric and volumetric analysis.

(1, 2 and 3 requisite.)

6. Quantitative analysis; a continuation of 5.

7. Elementary physical chemistry. The topics considered in this course include the following: Determination of atomic weights, relations between atomic weights and

properties, simple gas laws, relations between gases and liquids, osmotic pressure and gas pressure, determination of molecular weights of gaseous and dissolved substances, thermochemical change, electrolytic dissociation, chemical equilibrium, phase rule.

(Physics 1, 2 and Chemistry 1, 2, 3 requisite.)

PROFESSOR DOUGHTY

8. Organic or inorganic preparations. Laboratory work and assigned reading. Hours by appointment. A minimum of two three-hour periods in the laboratory per week, or the equivalent, will be required. Substances will be prepared illustrating various methods of manipulation, and in general, involving more difficult methods of preparation than those prepared in course 4.

(Chemistry 1, 2, 3 and 4 requisite for organic preparations. Chemistry 1, 2, 3, and 4, 5 or 7 requisite for inorganic preparations.)

Every course in chemistry includes lectures, recitations, and laboratory work—except as indicated in 5, 6, and 8.

MINERALOGY AND GEOLOGY

PROFESSOR EMERSON AND MR. KIMBALL

1. Structural and dynamical geology as illustrated by the region around Amherst. Six excursions required, generally on Saturday afternoons. Chamberlain and Salisbury, *College Geology*.

(Physics 1, 2 and Chemistry 1, 2 requisite.)

2. Historical geology, palæontology, physiography.

(1 requisite, Biology 1, 2 desirable.)

3. Field and laboratory work. Survey of an area of glacial and post-glacial beds, followed by descriptive mineralogy and determination of minerals (Moses and Parson's *Mineralogy*).

(Geology 1, 2 requisite.)

4. Survey of an area of Triassic or Crystalline rocks.
 - 5, 6. Crystallography; blow-pipe analysis, petrography.
 - 7, 8. Invertebrate paleontology
- (Physics 1, 2 and Chemistry 1, 2 requisite.)

HYGIENE AND PHYSICAL EDUCATION

PROFESSORS HITCHCOCK AND PHILLIPS

1. Personal hygiene; lectures on fundamental laws affecting health. (One-hour course.) Pyle's *Personal Hygiene*, or Hough and Sedgwick's *Elements of Hygiene and Sanitation*.

2. Human physiology. Hough and Sedgwick's *The Human Mechanism*.

Except in Senior year, physical exercise in the form of athletics, gymnastics, or aquatics is required three times a week the first and second terms.

BIOLOGY

PROFESSORS TYLER AND LOOMIS, AND MR. GOODRICH

1. Systematic and economic zoölogy of the invertebrates.

2. Systematic and economic zoölogy of the vertebrates.
3. Evolution of the animal kingdom.

Laboratory work includes dissection or microscopic study of the principal forms of animal life. The lines of evolution leading to higher animals and man are traced as far as possible. The laws governing human development and the structure and affinities of the great divisions of the animal kingdom are investigated.

4. Distribution and development of vertebrates.
(3 requisite.)
5. Prehistoric man.
(3 requisite.)

6. Comparative anatomy of vertebrates.
(3 requisite.)
7. Biological problems and vertebrate embryology.
(3 requisite.)
8. Biology special. Open only to students approved by the department.

BOTANY

MR. GOODALE

1. Evolution of the plant kingdom.

The progress of plant life from the lower to the higher forms is studied by means of lectures and laboratory work upon certain types selected as representative of the main groups of plants. Field work is required during the latter part of the semester.

2. Detailed study of the structure and physiology of the Spermatophytes, or seed plants.

During the last eight weeks a course in field-work is offered, in place of laboratory work, to those whose rank is high.

THE HENRY WARD BEECHER LECTURESHIP

This Lectureship is named in honor of Henry Ward Beecher of the class of 1834. It is awarded annually by the Faculty for supplementary lectures in the Departments of History and the Political and Social Sciences, and pays the holder the sum of five hundred dollars. The lectureship was founded by Frank L. Babbott, M.A., of the class of 1878.

The lecturer this year is the Right Honorable James Bryce, British Ambassador to the United States.

Lists of Studies

FRESHMAN YEAR

ALL candidates for a degree take English 1, 2; Mathematics 1, 2; Hygiene 1 (1 hour), Public Speaking 2 (1 hour). Candidates who have entered;

B.A. Group* 1, take also Greek and Latin, and choose one study from the list given below;

B.A. Groups 2 and 3, take also Greek or Latin and a modern language, and choose one study from the list given below;

B.S., take also two modern languages, and choose one study from the list given below.

Candidates who have been accepted in Mathematics II (Solid Geometry, Advanced Algebra, and Trigonometry) at entrance, choose two studies from the list given below. Candidates for the degree of B.S. who have presented Latin I and II may become candidates for the degree of B.A. by taking the Latin of Freshman year.

ELECTIVES, FRESHMAN YEAR

<i>First Semester</i>	<i>Second Semester</i>
French 1, 3, or 5	French 2, 4, or 6
German 1, 3, or 5	German 2, 4, or 6
Mathematics 11	Chemistry 2
Chemistry 1	Biology 2
Biology 1	English 4
	Physiology 2

*For definition of groups see page 45.

LIST OF ELECTIVES

Each student elects five courses Sophomore, Junior, and the first semester of Senior year, and four courses the second semester of Senior year.

	SOPHOMORE YEAR	JUNIOR YEAR	SENIOR YEAR
Art.....		1-2	
Astronomy.....			1 to 4
Biblical Literature.....		1-2	3-4
Biology.....	3-4	5-6	
Botany.....	1-2		
Chemistry.....	1 to 4	5 to 8	
Economics.....		1-2, 4, 6, 11, 12	13, 15, 17-18
English.....	1 to 8,	9 to 16, 21 to 24	17-20
French.....	1 to 6	7-8	9-10, 11-12
Geology.....		1-2	3 to 8
German.....	1 to 6	7 to 10	11-12
Greek.....	A, 1 to 4	5 to 12	
History.....	1-2	3 to 10	11-12
Italian.....	1-2	3 to 6	
Latin.....	1 to 4	5-6	7-8, 9-10, 12
Mathematics.....	1-2, 3-4, 11	5-6, 8, 12, 14	7-8, 10
Modern Gov't.....		2	3-4
Music.....	1-2	3-4	
Philosophy.....		1-2, 4, 6	7 to 10
Physics.....	1 to 4	5-6	
Physiology.....	2		
Public Speaking.....	3 (req.)	5	7
Spanish.....	1-2	3 to 6 and any preced- ing courses	and any pre- ceding courses

Clubs and Societies

ROMANCE CLUB

THE Romance Club is a student organization whose object is to encourage conversation in French, Spanish, and Italian,—the only languages permitted in the Club Room. It is purely social in character, being quite independent of the conversation classes conducted by the department. Informal weekly meetings are held, foreign dailies and illustrated journals are kept on file in the Club Room, which is always open to members, distinguished foreigners are invited to speak in their native tongue under the auspices of the Club, plays are presented, and finally members are encouraged to travel in the Latin countries and to recount their experiences to the Club on their return.

GERMAN CLUB

The German Club is an organization of students for the purpose of gaining facility in speaking the language. Members have access at all times to the rooms, which are provided with German newspapers, illustrated papers, and reviews.

LITERARY CLUB

The Literary Club is organized and conducted by students, and the teachers of English are active members. The purpose of the Club is to increase interest in English literature, to form correct literary opinions, and to pro-

mote free discussion of literary subjects. Special attention is given to modern and current literature. The Club also affords opportunity to hear prominent lecturers from outside the College.

HISTORY CLUB

The History Club is an association of students who are especially interested in history and meet fortnightly for the study of some subject not included in the regular courses.

CHORUS AND ORCHESTRAL WORK

A chorus and orchestra, consisting of students, faculty, and citizens of the town and vicinity, render during the college year and at Commencement some of the larger musical masterpieces, thus giving all who can sing, or play an instrument, an opportunity for practice and development in good music. Some of the works studied, thus far, are Mendelssohn's *St. Paul*, *Hymn of Praise*, *Hear my Prayer* and *Elijah*, Händel's *Dettingen Te Deum* and *Messiah*, the overture to Von Weber's *Freischütz*, Beethoven's *Seventh Symphony*, Mozart's *Requiem Mass* and *Zauberflöte Overture*, and Haydn's *Creation* and *The Seasons*.

COLLEGE CHOIR

Students who have good voices and have had experience in singing may become members of the choir, whenever there are vacancies. They receive remuneration for their services.

The duties of the choir are to lead singing daily at morning prayers, and at the Sunday morning service, and to attend such choir and chorus rehearsals as may be appointed.

Buildings and Equipment

AMHERST COLLEGE is situated on the slope of the Connecticut valley, four miles east of the river. Beyond the broad valley on the west are the Hampshire and Berkshire hills, on the south is the Holyoke range, on the north are Mount Toby and the Sugar Loaf mountains, on the east are the Pelham Hills. The College is placed on a broad eminence at the center of this circle of mountains and ranges, looking out in every direction on beautiful scenery.

THE LIBRARY

The library contains about ninety-five thousand volumes. The funds available for the increase of the library yield an annual income of about six thousand dollars, which is expended under the direction of the library committee in such a way as to do justice to each department of the library.

The reading-room is large and attractive, and is supplied with the best foreign and American periodicals. Open shelves contain encyclopædias, dictionaries, and other books of reference, together with such books as are temporarily assigned to reading-room use by teachers in the different departments.

Members of the College are allowed free access, under a few necessary limitations, to the bookshelves. In addition to the use of books in the library building, each student is permitted to have out three volumes at a time.

During term-time the College library and reading-room are open from 8.30 A.M. to 9.30 P.M. every day except Sundays and holidays. During vacations the library and reading-room are open five hours daily, except from August 15 to September 15.

The library building bears the name of the Henry T. Morgan Library, in recognition of the munificent bequests of the late Henry T. Morgan of New York.

THE MATHER ART MUSEUM

For purposes of instruction in the history of Art, the College is well equipped with reproductions illustrating various periods and schools. The large collection of plaster casts which occupies the entire third floor of Williston Hall, and the vestibule and stairway leading to it, has been named in honor of the late Professor Richard H. Mather D.D., in recognition of the fact that it was brought together solely through his agency. It comprises nearly one hundred casts of acknowledged excellence, of which some fifty, of the size of the originals, illustrate Egyptian, Mycenaean, Greek, and Roman sculpture, both in the round and in relief. Of later sculptors, Michelangelo, John of Bologna, Canova, and Thorwaldsen are represented. Among the copies of important bas-reliefs, the most noteworthy is that of the Panathenaic frieze from the Parthenon, which encircles the main hall. There are also about forty statuettes and busts in the collection, all from antique or Renaissance originals. At the east end of the hall are full-sized casts of the Ghiberti gates in the Baptistry at Florence; at the west end is a reproduction of Crawford's doors of the Capitol at Washington.

The Museum is entered through the central door on the north side of Williston Hall, or through the smaller door, on the same side, leading to the Greek room. It is open every week-day, while College is in session, from 2 to 3 P.M. At other times visitors are admitted on application to the custodian.

In addition to the resources of the Mather Museum, the rooms of several departments of the College are supplied with art reproductions of various kinds. The Latin and Greek rooms, both in Williston Hall, possess many important casts in bronze and plaster, as well as large collections of photographs, engravings, and stereopticon slides. In the Art Room of the library, at the right of the entrance, is the Italian Art Collection of more than one thousand carbon photographs and lantern slides illustrative of Italian painting of the Renaissance. In the same room are two cases of Eastern antiquities, such as Assyrian and Babylonian seals, cylinders, bricks, and fragments; and in the vestibule of the library are several Assyrian slabs, with inscriptions in cuneiform characters, dated about 900 B.C., which were obtained by the late Dr. Henry Lobdell of the class of 1849 from the walls of the palace of Assurnazirpal at Nimroud.

LABORATORIES AND MUSEUMS

The chemical laboratory has ample accommodations for the department. It contains on the first floor laboratories for quantitative and qualitative analysis. Upon the second floor is a large lecture-room, and adjoining is a commodious room for preparations and apparatus for experiments. Upon the same floor is a working laboratory for students in general chemistry, and a laboratory ar-

ranged for organic and sanitary work, with a combustion room. Upon each floor is a recitation room. A library room is near the work-room of the more advanced students. In the basement are storerooms for glassware, chemicals, and acids, an assay room, a gas analysis room, and a workshop.

The physical laboratory has on the main floor a large lecture room and an apparatus room with a valuable collection for lecture illustration. There are also on this floor a library and reading-room, a recitation room, and a room for experimental work in electricity. On the upper floor are laboratories for elementary experimental work, a balance room, a photographic developing room, a dark room for general purposes, an optical room, and a spectroscopy room equipped with a powerful concave-grating spectroscopy. In the basement are battery rooms, a uniform temperature room, a room for special researches, and a well-equipped workshop and dynamo room, with steam and water power.

The biological and geological laboratories occupy a large building recently erected on the south side of the campus. On the first floor is the biological museum, and on the second floor the geological and mineralogical museum. There are large lecture rooms, laboratories and working rooms on both floors and in the basement.

The geological museum comprises the Wood's cabinet, which contains about twenty-five thousand specimens, including the general American and European collections, the State survey collections of New Hampshire, Vermont, Massachusetts and Connecticut, and the Shepard Meteorite collection.

In the basement is the ichnological collection, named

after President Hitchcock, containing about fourteen hundred tracks of animals in stone and casts of living and extinct species. The Adams collection of shells and Audubon's celebrated collection of birds given by the Hon. Elbert E. Farnham LL.D., are in the biological museum.

Appleton Cabinet contains the anthropological collection and the museum of Indian relics which receives its name from the Hon. George Gilbert of Ware by whose liberality it was established. Large and valuable collections have recently been added by the gifts of Alumni.

The collections are open to the public every week-day from 3 to 4 P. M.

THE OBSERVATORY

The new Observatory, with a thoroughly modern equipment, has an excellent site near the College. The large dome, thirty-five feet in diameter, houses an eighteen-inch Clark telescope. The small dome contains a seven and one-fourth inch refractor. The observatory equipment comprises also an altazimuth, two transits with the usual accessories for meridian observations, and instruments for instruction in the theory and practice of navigation.

The land included in the Observatory property is about seven and one-half acres, and adjoining are nearly fifty acres owned by the College.

LECTURE AND RECITATION HALLS

Walker Hall, a granite building, named for the donor, the late William J. Walker, of Newport, Rhode Island, contains nine lecture rooms for philosophy, history, mod-

ern government, English and mathematics, and the offices of the President, Treasurer, and Registrar.

Williston Hall, a brick building, named for the donor, the late Samuel Williston of Easthampton, contains the Latin, Greek, and English lecture-rooms, the Art Museum, and the rooms of the Christian Association.

Barrett Hall, a stone building; was the first college gymnasium in this country, erected in 1859, and named for the late Benjamin Barrett, M.D., of Northampton. The building was restored in 1907 by means of the fund given by Edward A. Strong of the class of 1855. It is now arranged for lecture-rooms and is occupied by the departments of modern languages, and by the German and Romance Clubs.

Hitchcock Hall, a brick building, named for Edward Hitchcock, LL.D., of the class of 1849, is the College Dining Hall, and accommodates three hundred students.

THE COLLEGE CHAPEL

The Chapel, one of the oldest buildings, erected in 1828, contains Johnson Chapel, where morning religious services are conducted, five lecture-rooms, and a small hall.

THE COLLEGE CHURCH

The College Church, the gift of William F. Stearns, is a beautiful Gothic edifice, in which preaching services are held on Sundays.

COLLEGE HALL

College Hall, a brick building, originally the village church, was restored in 1905 by the class of 1884. It is

in the colonial style of architecture, with a graceful portico and cupola. It has wide galleries and accommodates about one thousand persons. Every class since 1828, when the church was built, has been graduated in this hall. It is the place where Commencement exercises are held, oratorios rendered, public lectures given, and student mass-meetings gathered.

THE PRATT GYMNASIUM AND NATATORIUM

The Pratt Gymnasium is the gift of Charles M. Pratt, M.A., of the class of 1879. The main hall affords ample space for drill practice with light apparatus, and for military evolutions. The equipment of specialized apparatus is complete, and enables a large number of students to take individual exercise simultaneously.

On the main floor are the offices of the Professors of hygiene, and rooms containing anthropometric apparatus for the measurement and examination of students. The two physicians of the College are in daily attendance, to give personal care and advice respecting the bodily needs and exercises of the students.

One division of the building contains a fencing room and handball court. In the basement are the bowling-alleys, a sparring room, and baseball cage. The gymnasium is open every week-day from 8.45 A.M. to 6 P.M. and for special purposes in the evening.

The Pratt Natatorium is the gift of Harold I. Pratt, B.S., of the class of 1900. The pool is seventy-five feet long and twenty-two feet wide. Apparatus for water sports is provided. The building which contains the swimming pool is connected by a corridor with the Gymnasium. The pool is on the first floor, with an elevated area for

spectators. On the second floor are one double and three single squash-racquet courts, the gift of Mortimer L. Schiff, M.A., of the class of 1896. The pool and the racquet courts are free to all students.

THE PRATT FIELD AND SKATING RINK

The Pratt Field, an area of about thirteen acres, less than one third of a mile from the College, is the gift of Frederic B. Pratt, M.A., of the class of 1887. It is intended for outdoor recreation of all students of the College. It is provided with a well-laid quarter-mile track and space for field contests, a baseball diamond, football grounds and tennis courts. The grandstand seats about five hundred, and furnishes standing-room for as many more. In the large space under the stand are dressing-rooms, shower-baths, and storerooms.

The Pratt Skating Rink, built in 1908, is the gift of Charles M. Pratt, M.A., of the class of 1879, for the free use of all students. It is situated near Pratt Field, and has an area of 200 x 115 feet. A heated bungalow at the rink-side provides for the comfort of skaters and spectators.

THE PRATT HEALTH COTTAGE

The Pratt Health Cottage, in an elevated situation three fourths of a mile from the College, is the joint gift of George D. Pratt, B.S., of the class of 1893, Herbert L. Pratt, B.A., of the class of 1895, and John T. Pratt, B.A., of the class of 1896. Its size and equipment are ample for the purposes of an infirmary, where students temporarily disabled by disease or accident may receive treatment in accordance with the liberal provisions of the

donors. The College physicians have general charge of the infirmary in all matters except treatment, for which any student is at liberty to employ a physician of his own choice and school of medicine. The arrangements for treating infectious diseases are perfect, and the collection of surgical appliances suitable for emergency cases is complete. The matron, a graduate nurse, is ready at all hours during term-time to relieve sick or disabled students, and provide for their necessities, pending any arrangement for especial treatment. Every case of sickness, whether the student goes to the infirmary or not, must be immediately reported to one of the College physicians. The cost to each patient is only a charge sufficient to defray necessary expense. Provision is made for a limited number of patients by funds given in aid of needy and worthy students, one in memory of Rev. Edmund K. Alden, D.D., of the class of 1844, one in memory of President William S. Clark, LL.D., of the class of 1848, and one in memory of Rev. Thomas P. Field, D.D., of the class of 1834.

DORMITORIES

The rooms in North and South Colleges, arranged on the general plan of a separate study and bedroom, allow a choice in suites for one, two, or three students. The buildings are heated with steam and there are tiled open fireplaces in most of the rooms. The floors are hardwood, and may be left uncarpeted and used with rugs. On the first floor of each half of each dormitory is a toilet room, and on the second floor a bath room. The hallways and rooms are lighted with electricity. The prices named for room-rent include heat, water, and care of the

rooms by capable janitors. Light is charged on bills rendered each term.

A student who is occupying a dormitory room is allowed until the first Monday in May to retain the same for the succeeding year. After that date members of the College may draw for choice of unengaged rooms in the following order: on the Tuesday following, members of the incoming Senior class; on the Thursday following, members of the incoming Junior class; and on the Friday following, members of the incoming Sophomore class. After the last date rooms will be rented as called for; or they may be reserved for members of the incoming Freshman class.

Application for rooms should be made to the Treasurer. Bills for room-rent are payable at the Treasurer's office, and are due, one quarter on engaging the room, one quarter on the first of October, and the balance at the opening of the second semester.

Dormitory rooms may be rented only for the entire academic year. Applicants who are rejected at the June examination will be released from their contracts and deposits made to secure rooms will be refunded on written request to the Treasurer before July 15. After the June examinations all applicants who engage rooms will be held for the year's rental.

Dormitory rooms may be occupied on the Monday of the week in which the Autumn term opens.

The prices of dormitory rooms are as follows:

\$55, North College, Nos. A, C, D, F; South College, Nos. 7, 15, A.

\$60, North College, Nos. B, E; South College, 11, C.

\$65, South College B.

\$80, South College, No. 14.

\$85. North College, Nos. 14, 15, 18, 19, 29, 32; South College, Nos. 1, 4.

\$90. North College, Nos. 1, 4, 10, 11, 25, 28; South College, Nos. 29, 32. .

\$95. South College, Nos. 18, 19, 25, 28.

\$100. North College, Nos. 2, 17; South College, Nos. 2, 17.

\$110. North College, Nos. 13, 30; South College, No. 13.

\$115. North College, Nos. 5, 9, 16, 22, 26, 31; South College, Nos. 5, 9, 16.

\$120. North College, Nos. 8, 12, 23, 27; South College, Nos. 8, 12, 30, 31.

\$125. South College, Nos. 22, 23, 26, 27.

\$135. North College, Nos. 6, 21; South College, Nos. 6,

21.

\$175. Suite 14, 14A and 14B.

\$185. Suite 10, 10A and 10B.

(10 B at \$45 may be rented with 11 as a suite at \$105. 14 B at \$45 may be rented with 15 as a suite at \$100.)

Administration

TERMS AND VACATIONS

THE academic year includes thirty-six weeks of term-time divided into the Autumn, Winter, and Spring terms. There is a recess of two weeks beginning three days before Christmas, a Spring recess of two weeks and a Summer vacation of twelve weeks. Commencement Day is the last Wednesday in June.

Courses of study are arranged in two semesters of eighteen weeks each. A schedule of courses is published before each semester. On Saturday afternoons all exercises are suspended.

ATTENDANCE AT RECITATIONS AND LECTURES

Not more than five absences are allowed from the classroom exercises of every three-hour course in each semester. In courses involving more or less than three hours a week, and in laboratory courses, the number of allowed absences is limited to one tenth of the total number of exercises. Three tardy marks count as one absence. Absences from recitation and chapel in the twenty-four hours preceding and following recesses count double.

As soon as a student exceeds the allowed number of absences in any course he is reported to the Administration Committee and placed on probation, and unless excused by the Committee his mark in that course is reduced by five one-hundredths for each absence in excess of the allowance. If after having been placed on probation he

is absent again without a satisfactory excuse, he is excluded from the course.

A student whose absences in excess of the allowance in any course are excused by the Administration Committee, on account of sickness or for any other reason, must make up the work to the satisfaction of the instructor before he can be admitted to the final examination.

All students going home to vote have an opportunity to make up for the necessary absences by special recitations or exercises.

EXAMINATIONS

Examinations are held at the end of each semester, or at intervals during the semester, in all courses. There are no second or make-up examinations after the close of a semester, except in required courses.

A student who has failed in a required course or in French or German of Freshman year, may take a second examination at the time of the regular entrance examination in that subject at the beginning of the next college year. A student who has failed in mathematics, Latin or Greek the first semester of Freshman year, may take a second examination at the beginning of the Spring term. A student who has failed in English the first semester of Freshman year may take a second examination at the end of the second semester. A Senior who has failed in any course or courses of the first semester, in case there are no courses that can be substituted the second semester, may take a second examination at the end of the second semester. A Senior who has failed in any course or courses of the second semester may take a second examination. Special semester examinations are granted only

by vote of the Administration Committee, and in such cases a fee of three dollars is charged for each subject. No student may anticipate a final examination.

DELINQUENCIES

A student who has failed in a required course on a second examination is obliged to repeat it the following year with the next lower class. A student who has failed in an elective course is obliged to repeat it the following year, or may, with the consent of the Administration Committee, substitute another course in a subsequent semester.

After the first semester of Freshman year, no student may take six courses unless he has passed five courses the previous semester.

No student whose average is less than 70, or who has failed in any course in the previous semester, may elect a sixth course, without the consent of the Administration Committee.

When a student in any semester fails to pass more than two of the five subjects required, or when the total number of his delinquencies is six, he is dropped from college, unless exception is made by the Administration Committee.

A student who, on account of illness, does not take a final examination may be granted the privilege of a special examination, provided he presents a certificate from one of the College physicians.

No student is allowed to remain in College more than two years with an entrance condition.

ATTENDANCE AT CHURCH AND CHAPEL

Absences from chapel services are allowed upon an average once a week for each semester; from the Sunday service, four absences are allowed in each semester.

Instead of attendance upon the Sunday service of the College Church, any student, on application to the Registrar is permitted to attend church service elsewhere with the denomination of his choice. If the student is under twenty-one years of age, his application must be accompanied by a written request from his parent or guardian.

All applications for excuses from church and chapel exercises must be made to the Dean.

ATTENDANCE AT GYMNASIUM

Three hours a week of physical exercise are required of the Freshman, Sophomore, and Junior Classes in the first and second terms of the year. Freshmen commence their work at the beginning of the year; Sophomores and Juniors immediately after the Fall Athletic Meet. A limited number of students are excused from attendance at the Gymnasium while they are actively training for one of the athletic teams of the College.

Every student on entering College is required to take a physical examination.

PUBLIC EXHIBITIONS

The following regulations are not intended to apply to games or exhibitions between classes or fraternities of the College.

FOR STUDENTS IN GENERAL

No student whose work is incomplete in more than one course is allowed to take part in any public game, exhibition, or entertainment given by any club, association, or team of students, or to occupy the position of manager or assistant manager.

The privilege of connection with any club, association, or team of students is at once withdrawn for the remainder of the semester in the case of any student who is reported to the Administration Committee as failing in three courses.

No individual student shall compete in athletics outside of Amherst in term-time without first obtaining permission of the Committee on Athletics.

Every student before entering any athletic competition is required to have a certificate of physical fitness from the Department of Physical Education.

FOR FRESHMEN

The First Semester.—A Freshman who has an entrance condition is not allowed to take part in any public game, exhibition or entertainment given by any club, association or team of students.

The Second Semester.—A Freshman who has an entrance condition or an incomplete semester course, or an average recorded standing below 65, is not allowed to take part in any public game, exhibition or entertainment given by any club, association, or team of students. (These rules do not apply to a Freshman football or baseball team.)

A Freshman who has more than one incomplete semester course is not eligible to the Freshman baseball team.

FOR SPECIAL STUDENTS

Special students are not allowed to take part in any public game, exhibition or entertainment given by any club, association, or team of students during the first year.

FOR MANAGERS AND CAPTAINS

Any club, association, or team of students proposing to give one or more entertainments or exhibitions other than

athletic, before making any contracts or engagements, must present their plans to the Committee on Public Exhibitions, and no engagements shall be made without the approval of the Committee.

Any club, team, or association of students proposing to have one or more athletic games or contests must submit their schedule to the Athletic Board before making any contracts or engagements, and no engagements shall be made without the approval of that Board.

Captains of athletic teams are required to see that each candidate for the team has a certificate of physical fitness from the Department of Physical Education before entering upon active training.

FOR EDITORS OF COLLEGE PUBLICATIONS

No student whose work is incomplete in more than one course is allowed to be an editor of a college publication.

No Freshman who has an entrance condition or an incomplete semester course, or an average recorded standing below 65, is allowed to be an editor of a college publication.

TERM BILLS, BOND AND FEES

Term bills, including tuition, use of library and gymnasium, and all ordinary incidentals, amount to one hundred and ten dollars for the year. [Beginning with the class which entered in 1909, the annual charge is one hundred and forty dollars, of which eighty dollars is required in advance at the beginning of the first semester and sixty dollars at the beginning of the second semester.] A bond of two hundred dollars, with satisfactory surety for the payment of all college bills, must be given to the Treasurer by each student when he enters College. Pay-

ment of tuition is required in advance at the beginning of each semester.

Each member of the Senior class is required to pay a graduation fee of six dollars.

LABORATORY FEES

Physics	{ First year, each semester	\$5.00
	{ Second and third years, each semester	7.00
Biology	{ First year, each semester	5.00
	{ Second and third years, each semester	8.00
Chemistry	{ First year, first semester	5.00
	{ First year, second semester	4.00
	{ Second, third, and fourth years, each semester, except course 7	10.00
	{ Course 7	2.00

These fees must be paid on or before the first day of the semester for which they are charged. Dues for breakage must be paid at the close of the semester.

EXPENSES

The following table shows three scales of annual expenditures, omitting clothing, vacation expenses, laboratory charges, membership of societies, and incidentals:—

	Low	Moderate	Liberal
Tuition*	\$110	\$110	\$110
Room (one half)	35	55	75
Furniture (annual average)	10	20	30
Board thirty-six weeks	144	180	216
Fuel and light	10	15	25
	\$309	\$380	\$456

The dormitories accommodate about one hundred and twenty-five students, and the fraternity houses about two

*Beginning with the class which entered in 1909, the annual charge will be \$140.

hundred and fifty. At the College Commons in Hitchcock Hall board is furnished at cost. Rooms can be rented at moderate rates in private houses. Board is also furnished at various places in the town, at prices from four to seven dollars a week.

RELIGIOUS CULTURE

The Christian life of the College finds expression through the College Church and the Christian Association. Prayers are conducted by the President each week-day morning at a quarter past eight o'clock in Johnson Chapel. All students are required to be present. Public worship is held every Sunday at a quarter before eleven o'clock in the College Church. All students, not excused to attend elsewhere, are required to be present. A communion service is held in the College Church three times during the year.

PHYSICAL CULTURE

The department of hygiene and physical education is under the charge of a physician, who keeps himself acquainted with the health of all the students. Each student soon after he enters College, and twice thereafter during his course, if he so desires, is given a careful physical examination and advised how to maintain and increase his health and strength.

The members of each class except Seniors are required to exercise regularly in the gymnasium three times every week, during the Autumn and Winter terms. During the fall the prescribed work is taken outdoors at Pratt Field.

In the natatorium, swimming is taught by a competent instructor. Every student who on entering College cannot swim is required to learn during the first year and

before the end of Sophomore year to pass the college requirements in swimming.

The results of this system of prescribed gymnastic training pursued in the College for half a century have been eminently satisfactory. While hygienists affirm that, as a general rule, the health of a young man from fifteen to twenty-five years of age is apt to decline, the reverse is found to be the case with students here. From statistics systematically kept for more than thirty years, it appears that the health of an Amherst College student is likely to grow better each year of his collegiate course. The average health of the Sophomore class is better than that of the Freshman; and of the Junior, better than that of the Sophomore; and of the Senior class best of all. Moreover, this average is shown to come from improvement in the physical condition of the individual student, and not from absence of those who drop out of the course because physically too weak to complete it.

ADVISERS

Immediately upon entering College every Freshman is required to submit his choice of studies to the member of the Faculty appointed to advise him. At the end of the year he is expected to consult his adviser as to his course in general. It is also expected that the student will consult his adviser whenever he feels the need, on any subject related to his college life.

Degrees

DEGREE OF BACHELOR OF ARTS

Candidates for the degree of Bachelor of Arts are required to complete, in addition to the studies of Freshman year, at least thirty semester courses (instead of twenty-nine as heretofore), four of which shall be completed in the last semester of the course. They must also have no outstanding deficiencies in the work of any semester, and must attain an average grade of 65. Diplomas are graded as *rite*, *cum laude*, *magna cum laude*, *summa cum laude*, according to scholarship.

Summa cum laude rank is fixed at 93, *magna cum laude* at 88, and *cum laude* at 80.

The requirement of thirty semester courses after Freshman year goes into effect with the class of 1911.

DEGREE OF BACHELOR OF SCIENCE

Candidates for the degree of Bachelor of Science are required to complete, in addition to the studies of Freshman year, not less than thirty semester courses (instead of twenty-nine as heretofore), four of which shall be completed in the last semester of the course. They must also have no outstanding deficiencies in the work of any semester, and must attain an average grade of 65. Besides the mathematics of Freshman year they shall complete twelve semester courses in natural sciences, mathematics, and economics. Sciences taken in Freshman year and two courses in economics may be included in the twelve

courses required. They shall complete also the second year of German and the second year of a Romance language. Diplomas are graded as *rite*, *cum laude*, *magna cum laude*, *summa cum laude*, according to scholarship, as specified above under B.A. degree.

The requirement of thirty semester courses after Freshman year goes into effect with the class of 1911.

A student who presents advanced Latin among the requirements for entrance to the Scientific course may become a candidate for the degree of Bachelor of Arts by electing the Latin courses of Freshman year.

GRADUATION IN LESS THAN FOUR YEARS

GRADUATION IN THREE YEARS

A student who has at entrance, by examination, credit for four semester courses, may take six courses each semester, besides required work in declamation and hygiene, in order to obtain a degree in three years. Written notice of intention to complete the course in three years shall be given at the beginning of the first year.

GRADUATION IN THREE AND ONE HALF YEARS

A student may complete the course in three and one half years by taking in addition to the regular work an extra course in each of five semesters, and may take his degree at the Commencement following. Written notice of intention to complete the course in three and one half years shall be given at the beginning of the second year. On completion of the requisite number of courses the student may on petition obtain leave of absence until the time when the degree is conferred.

No student shall take more than the required number of studies in any term in order to shorten the course, or for any other reason, except by permission of the Administration Committee.

DEGREE OF MASTER OF ARTS

The degree of Master of Arts is conferred upon Bachelors of Arts of Amherst College who have spent a year in residence at the College, pursuing a systematic course of liberal non-professional study, approved by the Committee on Degrees. Proficiency will be tested by examination or by examination and thesis, as may be determined by the professors under whose direction studies are pursued.

The degree is conferred upon Bachelors of Arts of this College who have been one year in residence at another college and have fulfilled the requirements indicated in the preceding paragraph.

The degree is conferred upon Bachelors of Arts of this College, not in residence at the College, who, not less than three years after graduation, have completed a course of liberal, non-professional study approved by the Committee on Degrees. Proficiency will be tested by examination or by examination and thesis on a subject approved by the Faculty.

Those who complete, at the end of the first semester of Senior year, the requirements for the degree of Bachelor of Arts may apply the remainder of the year to studies leading to the degree of Master of Arts and finish their studies in non-residence the following year, receiving the degree one year after graduation.

Every resident candidate shall register his name and subjects of study with the Registrar not later than October 1.

Every non-resident candidate shall register his name and subjects with the Registrar not later than October 1 preceding the Commencement when the degree is conferred.

Every candidate who completes the requirements for the Bachelor's degree at the end of the first semester of Senior year, and applies the remainder of the year to studies leading to the Master's degree, shall register his name and subjects not later than December 1.

Every resident candidate shall pay the regular tuition for each term of residence, and a diploma fee of five dollars. Every non-resident candidate shall pay a fee of ten dollars for examination and diploma.

Communications relative to the requirements for the degree should be addressed to Professor John F. Genung, Chairman of the Committee on Degrees.

SPECIAL COURSE

Special students shall take as many courses as are taken by regular students. The first year they shall study the modern language in which they are prepared, and the required studies of Freshman year for which they are prepared, unless they have taken any of those studies already. Other studies may be chosen from Biology, Chemistry, Physics, Modern Languages, and History. After the first year all studies are elective.

Fellowships

THE ROSWELL DWIGHT HITCHCOCK MEMORIAL FELLOWSHIP

OF two hundred and fifty dollars, offered by the Alpha Delta Phi Fraternity, is awarded annually under conditions determined by the Faculty to a member of the Senior class for excellence in history and the social and economic sciences. The holder of the Fellowship pursues for one year, at an institution approved by the Faculty, a course of study in history or economics, to be completed within the period of two years next following graduation. The amount of the Fellowship is paid in two instalments one on completion of one half the year's work, the other at the end of the year.

THE RUFUS B. KELLOGG UNIVERSITY FELLOWSHIP

The gift of the late Rufus B. Kellogg of the class of 1858, awards the income of about thirty thousand dollars for seven years to an alumnus of Amherst College, who shall be appointed upon the following conditions:—

(1) He shall be elected by the Faculty from the members of the class graduated at the close of the academic year in which this selection shall be made, or from the members of the classes graduated in the six years immediately preceding the academic year in which this election shall be made.

(2) The Faculty shall select as the incumbent of the said Fellowship the man who, in their judgment, is best equipped for study and research, without regard to any other consideration whatsoever, except that he shall have an especially good knowledge of the Latin and German languages.

(3) The first three years of the term of seven years the incumbent shall spend at a German university (or with the approval of the Faculty of Amherst College, at any other place or places), in the study of philosophy, philology, literature, history, political science, political economy, mathematics, or natural science. The last four years of the term of seven years shall be spent as a lecturer at Amherst College. But the incumbent shall not give more than thirty lectures per annum, and shall not be required to reside at Amherst more than one college term of any year. The lectures shall be upon a subject selected by himself and approved by the Trustees; and the incumbent shall cause the lectures to be published at the end of his official term in good book form. He shall have no occupation or employment during the period of his Fellowship, except such as pertains to the duty of his Fellowship.

The Fellowship was established in 1892 and has been held by Prof. Arthur H. Pierce, Ph.D., of the class of 1888, from 1893 to 1900, and by Frank Otis Reed, Ph.D., of the class of 1899, from 1900 to 1907. The present incumbent is Preserved Smith, Ph.D. of the class of 1901.

THE EDWARD HITCHCOCK FELLOWSHIP

Of five hundred dollars, was founded by the late Mrs. Frank L. Babbott of Brooklyn, N. Y., to promote graduate study in the department of physical education. Its ob-

ject is to make the student familiar with the best methods of physical training, both in the gymnasium and on the field. The appointment is made by the Faculty.

THE SOUTH END HOUSE FELLOWSHIP

Of five hundred dollars, is provided by alumni of Boston and vicinity. The incumbent is in residence one year at the South End House, Boston, for the purpose of investigating social conditions and rendering service according to the methods of a university settlement. The appointment is made by the Trustees of the College.

Honors

COMMENCEMENT EXERCISES

FROM the fifteen Seniors who have attained the highest general standing at the end of the first semester of Senior year, five are selected upon the basis of literary and oratorical merit, to deliver orations on Commencement day. The Bond prize of one hundred dollars is awarded to the speaker who delivers the best oration.

THE PHI BETA KAPPA SOCIETY

Those who at the end of the first semester of Junior year have attained a general standing of 88 or more on the scale of one hundred, are, on recommendation of the Faculty, elected members of the Phi Beta Kappa Society. Those who at the end of the first semester of Senior year have attained a general standing of 85 or more are, on recommendation of the Faculty, elected members of the society.

President: PROFESSOR GEORGE D. OLDS, LL.D.

Corresponding Secretary: PROFESSOR LEVI H. ELWELL, M.A.

Recording Secretary: MR. ROBERT C. MURRAY, '10.

FINAL HONORS AT GRADUATION

Final honors in a single department of study are awarded for special work involving collateral reading or investigation under the following conditions:—

(1) The candidate must complete the last four semester-courses. The three semester-courses in Modern Government may be grouped with one semester in History, Philosophy, or Economics, in which a standing of eighty must be maintained. In History the Junior courses 3-4, 5-6, 7-8 or 9-10 may be reckoned as two of the last four courses. In Botany a year of Biology is required in addition to the special requirements in Botany. The special work of collateral reading or investigation is to be done in the last two courses. No student may be a candidate in more than one department, except by vote of the Administration Committee.

(2) The candidate must have at graduation an average standing of not less than eighty in all studies of the college course; a standing of not less than seventy-five in every study of Senior year, and of ninety in the last year of study in the department in which the honor is sought.

(3) The proficiency of the candidate is tested by special examination or by a thesis, or by both, at the end of Senior year.

(4) Notice of intention to become a candidate must be given to the Registrar by October 10 of the Senior year.

(5) One unit is added to the total average rank of a student who takes final honors. If honors are taken in more than one department, only one unit is added.

(6) The names of successful candidates are announced at Commencement and in the annual catalogue.

HONORABLE MENTION

(1) There must be a standing of not less than seventy-five in every department for the year.

(2) An average of ninety-three must be maintained for a full year's course in the department in which honorable mention is sought.

Honorable mention in Physiology is given to any student who, in addition to the special requirements in that subject, has completed during the year one semester of Biology, and has maintained an average of 93 in the two subjects.

The names of those who have honorable mention are announced in the annual catalogue.

Prizes

The following prizes are offered annually for proficiency in the work of several departments of collegiate study:—

GREEK

The Hutchins Prize, of fifty dollars, given by the late Waldo Hutchins of the class of 1842, to the best scholar in Greek at the end of the Junior year. The scholarship is determined chiefly by the regular recitations and examinations of the department, but special studies and examinations may also be required of the candidates.

LATIN

The Bertram Prizes, two of fifty dollars each, given by the late John Bertram of Salem. For the year 1909-1910 one prize will be awarded to that Senior who, together with attaining a high average in the work of course 8, shall present the best essay on the philosophical, ethical, or poetical elements in the *De Rerum Natura* of Lucretius. The other prize will be awarded to that Senior who, together with general excellence in the daily work of Course 10, shall write the best essay on the poetry and mythology of Ovid.

The Junior Prizes, of forty and of twenty dollars for the highest scholarship in the Latin of the Junior year; special work or special examinations may be required.

The Billings Prizes, of thirty and of twenty dollars, given by the late Parmly Billings of the class of 1884, for general excellence in the work of the Sophomore year, together with the best essays on special topics connected with the study of Catullus, Tacitus, and Pliny the Younger.

The Freshman Prizes, of twenty-five and of fifteen dollars, for the highest scholarship in the Latin of Freshman year. The award will be determined by a special examination on the work of the year, together with the reading at sight of passages from Cicero, Livy, and Horace, and by the writing of a short essay in Latin.

ENGLISH

The Kellogg Prizes, one of fifty dollars to a member of the Sophomore class, and one of fifty dollars to a member of the Freshman class, given by the late Rufus B. Kellogg of the class of 1858, for excellence in declamation.

The Hardy Prizes, of thirty and of twenty dollars, given by the late Alpheus Hardy of Boston, for improvement in extemporaneous speaking.

The Hyde Prize, of one hundred dollars, given by Benjamin D. Hyde of the class of 1894, in memory of his father Henry D. Hyde of the class of 1861, to that member of the Senior class who produces the best oration. Both composition and delivery are considered in making the award.

The Bond Prize, of one hundred dollars, given by the late Ephraim W. Bond of the class of 1841, for the best production spoken on the Commencement stage. The award is determined by the Trustees, or by a committee whom they may appoint.

The Kent Prize in English Literature, of one hundred dollars, given by Daniel Kent of the class of 1875, for the best essay upon one of the following subjects: (1) The Place of Poe in American Literature; (2) The Permanent Value of Matthew Arnold's Criticism; (3) The Poetry of Keats.

The Junior Prizes, of fifty dollars in books, given by an alumnus of the class of 1894, to members of the class in public speaking who excel in oratorical composition the first semester of Junior year.

The Armstrong Prizes, of fifty, of thirty, and of twenty dollars in books, given by Collin Armstrong of the class of 1877, in memory of his mother, Miriam Collin Armstrong, to members of the Freshman class who excel in composition.

The Hagen Prize in English Literature, of fifty dollars, given by Winston H. Hagen of the class of 1879. For the year 1909-1910 the prize will be assigned for the best work in any of the English courses 11, 12, 13, 14, 15 and 16, together with the best examination upon certain special work.

The Sherwin Cody Prize, of fifty dollars, given by Sherwin Cody of the class of 1889, to a member of the Freshman class who excels in the composition of business letters.

The Folger Prizes of one hundred, of fifty, and of twenty-five dollars, given by Henry C. Folger, Jr., of the class of 1879, for the best essays on Shakesperean topics, to be competed for by members of the Senior class.

MATHEMATICS, PHYSICS, AND ASTRONOMY

The Walker Prizes, given by the late William J. Walker of Newport, Rhode Island.

Two prizes, of fifty and of thirty dollars, in the mathematics of the first year.

Two prizes, of eighty and of forty dollars, in the mathematics of the second year.

The award in each case is determined by an examination.

The Porter Prizes, one of twenty dollars, in physics, and one of ten dollars, in astronomy, given by the late Eleazar

Porter of Hadley. These awards are made at the conclusion of the collegiate course, and are determined by the record of all recitations and examinations in these departments.

The A. C. James Prize, of fifty dollars, in navigation.

NATURAL SCIENCE

The Shepard Mineralogical Prizes, of mineralogical specimens, valued respectively at fifteen, eight, six, and five dollars, given by the late Professor Charles U. Shepard, of the class of 1824, to members of the Senior class in mineralogy.

The Sawyer Prize, a gold medal of the value of fifty dollars, given by the late Edmund H. Sawyer, of Easthampton, for the best work in human anatomy and physiology.

The A. Lyman Williston Prizes, of fifteen and of ten dollars, given by A. Lyman Williston, of Northampton, to those members of the Freshman class who take the best series of lecture notes in the course on personal hygiene.

THE PORTER ADMISSION PRIZE

The Porter Admission Prize, of fifty dollars, given by the late Eleazar Porter, of Hadley, to the candidate who passes the best examination for admission to the Freshman class. The name of the successful candidate, together with that of his school or of the instructor with whom he prepared for college, is published in the catalogue.

OTHER PRIZES

The Leland Prize, of one hundred dollars, given by Dr. George A. Leland of the class of 1874, to the class which, during the year, shall most faithfully discharge its duties

in the gymnasium, and carry out most fully the instructions of the Professor of Hygiene.

The Ladd Prizes, the sum of one hundred dollars, given by William M. Ladd of the class of 1878, to be divided among undergraduate members of the College, for excellence in heavy gymnastic exercises at the annual exhibition.

The Woods Prize, of sixty dollars, given by the late Josiah B. Woods of Enfield, for general culture and improvement. This prize is awarded at the conclusion of the course.

Dante Prize, of one hundred dollars, is offered annually by the Dante Society of America for the best essay by a student, or graduate of not more than three years' standing, on a subject drawn from the Life or Works of Dante. Competition for the prize is open to students and graduates of any college or university of the United States. Detailed information in regard to rules of competition and choice of subjects may be obtained from the Department of Romance Languages.

The Class-of-1884 Prize, of one hundred dollars, to the class that excels in the singing of college songs. The contest occurs on the campus in June, when the four classes sing in turn.

Scholarships and Beneficiary Aid

THE beneficiary funds of the College aggregate three hundred thousand dollars. Except as otherwise provided by the donors, the income of these funds is distributed annually by a committee of the Faculty, among students of high character and good scholarship who need pecuniary aid.

Aid from beneficiary funds is given only to students who maintain a high standard of honor, who have no delinquency in any subject, whose average rank is not below seventy per cent., whose habits are economical, and who are candidates for a degree.

Awards are paid in instalments. at the beginning of each semester. The second instalment is payable only on condition that there is no delinquency at the end of the first semester.

Applicants for scholarships in the three upper classes must file at the Registrar's office June 1 a statement of their resources for the academic year, together with two letters of recommendation giving evidence of their need, attainments, and character.

Applicants for the renewal of scholarships must present an account of their expenditures and income for the preceding year.

A limited number of applicants may be assured of scholarship awards before entering college. Blanks for application may be obtained of the President, and, when filled out by the applicant, must be accompanied by two letters concerning need, character, and attainments, one letter from his parent or guardian, and one from his principal

or a teacher. Awards are not payable unless the applicant is free from entrance conditions.

Scholarships are of three grades; eighty, ninety-five, and one hundred and ten dollars annually. Scholarships of eighty dollars are awarded to students whose standing is C (70 to 80); of ninety-five dollars to students whose standing is B (80 to 90); of one hundred and ten dollars, the amount of tuition, to students whose standing is A (90 to 100). Beginning with the class which entered in 1909 there will be an increase in scholarship awards corresponding to the increase in tuition fee (see page 116). There are four scholarships of one hundred dollars, and four of one hundred and ten dollars, which are not subject to the above conditions, except that a standing of not less than 70 shall be maintained. Those who intend to enter the Christian ministry receive awards of full tuition.

Awards are made from the income of the following funds:—

The Charitable Fund, \$90,000, primarily in aid of those studying for the Christian ministry. Any surplus income may be awarded to other students in the classical course.

The Stone Educational Fund, \$25,000.

The Class of 1871 Scholarship Fund, \$25,000 established by a member of the Class.

The William Hilton Scholarship Fund, \$17,500, the bequest of William Hilton of Boston.

The Whitcomb Scholarship Fund, \$12,000, established by David Whitcomb and G. Henry Whitcomb of Worcester.

The Hitchcock Scholarship Fund, \$10,000, established by Samuel A. Hitchcock of Brimfield.

The John E. Sanford Class-of-1851 Scholarship Fund, \$10,000, established by John E. Sanford of Taunton.

The Emerson Gaylord Scholarship Fund, \$6000, the bequest of Emerson Gaylord of Chicopee. Preference is given to graduates of the Chicopee High School.

- The Day Benevolent Fund, \$5000, the bequest of Moses Day of Boston.
- The Seymour Scholarship Fund, \$5000, the bequest of James S. Seymour of Auburn, New York.
- The Harry Wilbur Scholarship Fund, \$5000, established by his parents in memory of Harry L. Wilbur of the Class of 1884.
- The Danforth Keyes Bangs Scholarship Fund, \$4000, the bequest of Mrs. Louisa S. Baker of Amherst.
- The Farnsworth Scholarship Fund, \$3000, established by Isaac D. Farnsworth of Boston.
- The Knowles Scholarship Fund, \$3000, the bequest of Lucus J. Knowles of Worcester.
- A Scholarship Fund, \$3000, established by a friend of the College.
- The Reed Scholarship Fund, \$2500, the bequest of Charles Thayer Reed of Boston, in memory of his son, Charles Thayer Reed, Jr.
- The Harold Ely Morse Memorial Scholarship Fund, \$2500, established by the family of Professor Anson D. Morse.
- The Class of 1877 Scholarship Fund, \$2500, established by the Class.
- The Class of 1860 Scholarship Fund, \$2200, established by the Class.
- The Persian Scholarship Fund, \$2000, the bequest of Rev. James L. Merrick of Amherst.
- The Charles Merriam Scholarship Fund, \$2000, established by Charles Merriam of Springfield.
- The Quincy Tufts Scholarship Fund, \$2000, the bequest of Quincy Tufts of Boston.
- The Henry Gridley Class-of-1862 Scholarship Fund, \$2000, established by the class in memory of their classmate whose name it bears.
- The Henry H. Goodell Class-of-1862 Scholarship Fund, \$2000, established by the Class in memory of their classmate whose name it bears.
- The Borden Scholarship Fund, \$2000, the bequest of Samuel Augustus Borden of Boston.
- The Anderson Scholarship Fund, \$2000, the bequest of Samuel Augustus Borden of Boston.
- The W. Eugene Kimball Scholarship Fund \$2000, established by Robert J. Kimball of Brooklyn, New York.
- The Morse Scholarship Fund, \$2000, established by Charles L. Morse of the class of 1901.
- The Draper Scholarship Fund, \$2000, established by Warren F. Draper of the class of 1847.

- The Class of 1855 Scholarship Fund, \$1100, established by the Class.
The Alexander H. Bullock Scholarship Fund, \$1500, established by Alexander H. Bullock of the Class of 1836.
The Class of 1836 Scholarship Fund, \$1500, established by the Class.
The Class of 1853 Scholarship Fund, \$1500, established by the Class.
The Class of 1871 Scholarship Fund, \$1400, established by the Class.
The Class of 1826 Scholarship Fund, \$500, established by two members of the Class.

Scholarship funds of \$1000 each as follows:

- The Levi Russell Scholarship Fund, established by Levi Russell of Hadley.
The Tuttle Scholarship Fund, the bequest of Mrs. Sarah Tuttle of Wayland.
The George Cook Scholarship Fund, established by George Cook of the Class of 1841.
The Enos Dickinson Scholarship Fund, established by Enos Dickinson of Amherst.
The John C. Newton Scholarship Fund, established by John C. Newton of Worcester.
The James H. Newton Scholarship Fund, established by James H. Newton of Holyoke.
The Johnson Class-of-1823 Scholarship Fund, established by A. J. Johnson of New York City.
The Southworth Class-of-1822 Scholarship Fund, established by Wells Southworth of New Haven, Connecticut.
The Joseph Carew Scholarship Fund, established by Joseph Carew of South Hadley.
The Gregory Class-of-1850 Scholarship Fund, established by Hon. James J. H. Gregory of Marblehead.
The Dolly Coleman Blake Scholarship Fund, the bequest of Dolly Coleman Blake of Boston.
The Miller Scholarship Fund, established by Mrs. S. P. Miller of Montclair, New Jersey, in memory of her son, J. C. B. Miller of the Class of 1869.
The Green Scholarship Fund, the bequest of Rev. Henry Solomon Green of the Class of 1834, as a memorial gift from himself and H. M. Green of the Class of 1865.

The Thomas Hale Scholarship Fund, established by Mrs. Alice T. March of Newburyport.

The Mary W. Hyde Scholarship Fund, the bequest of Mary W. Hyde of Boston.

The Sarah B. Hyde Scholarship Fund, the bequest of Sarah B. Hyde of Boston.

The W. S. Tyler Class-of-1830 Scholarship Fund, the bequest of Professor William Seymour Tyler of Amherst.

The Class Scholarship Fund, established by and bearing the names, respectively, of

The Class of 1831	The Class of 1852	The Class of 1858
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The Class of 1839	The Class of 1855	The Class of 1861
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The Class of 1845	The Class of 1856	The Class of 1865
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The Class of 1849	The Class of 1857	The Class of 1869
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The Composite Scholarship Fund, established jointly by the following Classes:—

The Class of 1829	The Class of 1838	The Class of 1867
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The Class of 1835	The Class of 1866	The Class of 1870
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The Emily B. Ripley Scholarship Fund, the bequest of Emily B. Ripley of Royalston.

Funds yielding the following amounts annually:—

The Moore Scholarships, four of \$140 each, established by Rev. Zephaniah Swift Moore, D.D., first president of the College.

The State Scholarships, three of \$110 each, covering full tuition.

The Adams Scholarships, three of \$40 each, the bequest of Asahel Adams of North Brookfield.

The following scholarships maintained by annual gifts:—

The Sayles Scholarship, \$100, given by Fred Thomas Sayles of the Class of 1881.

The A. Lyman Williston Scholarship, \$50 given by A. Lyman Williston of Northampton.

Student Loan Fund

THROUGH the liberality of a friend of the College, provision is made for loans of a limited amount to a few students in the later years of the course, at a low rate of interest, upon notes acceptably endorsed and payable one or two years after graduation. The conditions made by the donor of this Fund limit its use to the assistance of students of thorough scholarship who are not preparing for the ministry, and whose habits of expenditure are economical.

A second fund provides for loans to students on similar terms, except that students for the ministry are not excluded.

Publications

THE annual catalogue is issued in December and is sent to all the alumni of the College, to all schools from which students are received, and to any who ask for it.

An address list of living alumni is issued once in two years.

A record of graduates deceased during each year is issued Commencement week.

STUDENT PUBLICATIONS

The Y. M. C. A. Handbook, published and distributed annually by the Christian Association, contains information chiefly useful to new students.

A semi-weekly paper, *The Amherst Student*, containing college news, account of games, notices of alumni, and discussion of college affairs, is issued by an editorial board of students.

The Literary Monthly conducted by students, contains essays, poems, stories, and book notices.

The Olio published annually by the Junior class, contains names of the members of fraternities, of officers and members of athletic, musical, literary, and dramatic organizations, of students receiving prizes and honors, and various matters of interest to the College.

Alumni Associations

The Society of the Alumni

(Annual Meeting in Commencement Week)

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Vice-Presidents:

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Mr. COLLIN ARMSTRONG, '77

Mr. F. N. LOOK, '77

HENRY P. FIELD, Esq., '80

Mr. JOHN P. CUSHING, '82

Mr. GEORGE B. MALLON, '87

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Professor THOMAS C. ESTY, '93, Amherst.

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Mr. DANIEL F. KELLOGG, '86

Executive Committee:

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HENRY P. FIELD, Esq., '80

Professor JOSEPH O. THOMPSON, '84

Mr. ARTHUR CURTISS JAMES, '89

Mr. OLIVER B. MERRILL, '91

Mr. HERBERT L. PRATT, '95

Mr. ROBERT B. METCALF, '96

Mr. H. W. KIDDER, '97

Dr. JOHN S. HITCHCOCK, '89

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The Association of the Southwest

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The Association of Pittsburgh

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WILLIAM C. MARBLE, *Secretary*, National Bank of California, Los Angeles.

RAILROAD CONNECTIONS

The Boston and Maine Railroad (Central Massachusetts division), between Boston and Northampton, passes through Amherst.

The Central Vermont Railroad, connecting at Palmer with the Boston and Albany Railroad, passes through Amherst.

There are electric street railways from Amherst to Northampton, Holyoke, Sunderland, and Pelham.

SPECIAL RAILROAD RATES AT COMMENCEMENT

The College expects to be able to secure special railroad rates on the certificate plan for those who attend the exercises of the Commencement season. Information concerning this matter can be obtained in May or June from secretaries of classes and alumni associations.

INFORMATION

All requests for information should be addressed to the Registrar, Walker Hall, Amherst, Mass.

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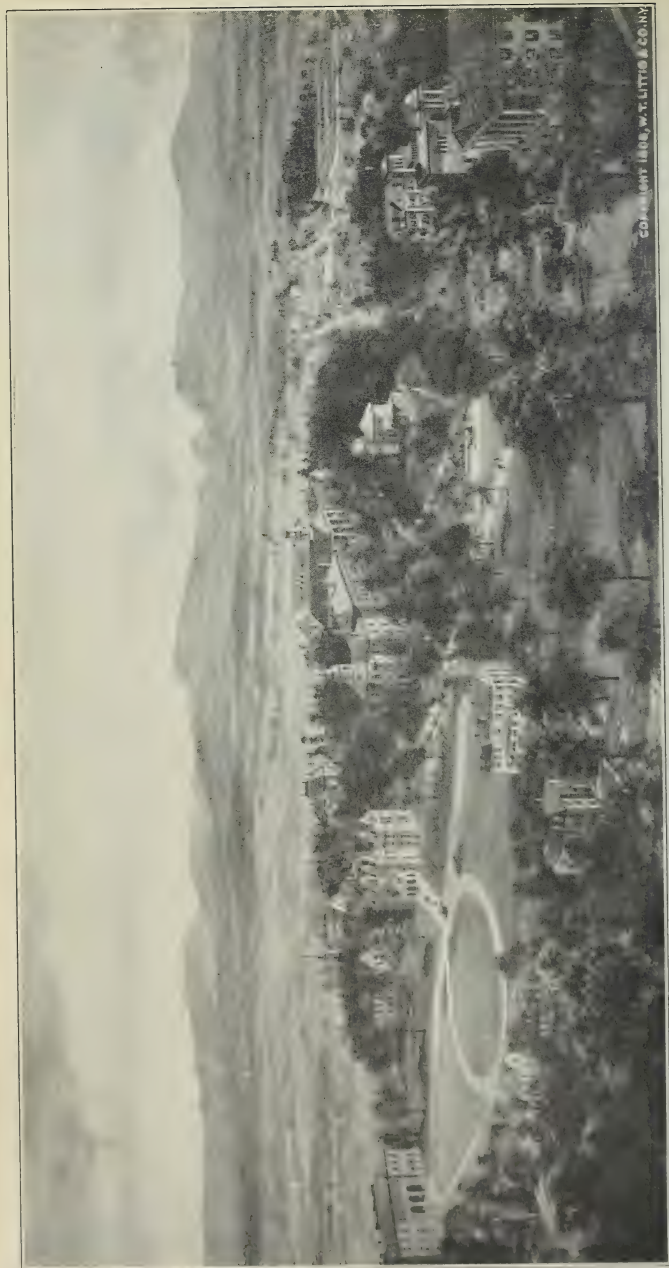
Amherst College Catalogue

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1910-1911

AMHERST COLLEGE CATALOGUE



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Amherst College Catalogue

For the Year
1910—1911



Amherst  Massachusetts
Published by the College

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College Calendar

1910

September	22, Beginning of the College Year	11:30 a.m. Thursday
October	6, Mountain Day, a holiday	Thursday
November	23-25, Thanksgiving Recess	12:20 p. m. Wed.-2:00 p. m. Fri.
December	21, Christmas Recess begins	4 p. m. Wednesday

1911

January	5, Christmas Recess ends	8:15 a. m. Thursday
Jan. 31-Feb.	8, Semi-annual Examinations	

February	9, Second Half-Year begins	Thursday
February	12, Day of Prayer for Colleges	Sunday
February	22, Washington's Birthday, a holiday	Wednesday
March	22, Spring Recess begins	4 p. m. Wednesday
April	5, Spring Recess ends	8:15 a. m. Wednesday
May	30, Memorial Day, a holiday	Tuesday
June	12-15, Senior Examinations	
June	16-23, Semi-Annual Examinations	
June	19-24, Examinations for admission	Monday to Saturday
June	25, Baccalaureate Sermon	Sunday
June	26, Hyde Prize Orations	Monday afternoon
June	26, Kellogg Prize Declamations	Monday evening
June	27, Class Day	Tuesday
June	27, President's Reception	Tuesday afternoon
June	28, Commencement Exercises	Wednesday morning
June	28, Alumni Dinner	Wednesday afternoon

SUMMER VACATION OF TWELVE WEEKS

September	15-20, Examinations for admission	Friday to Wednesday
September	21, Beginning of the College Year	11:30 a. m. Thurs.
December	20, Christmas Recess begins	4 p. m. Wednesday

Organization

AMHERST COLLEGE was opened September 19, 1821, when forty-seven students were admitted into the four regular classes. Its charter, received February 21, 1825, confers upon the Corporation the right to perpetuate itself, together with the privileges usually granted to the trustees of such institutions. It provides that the number of trustees shall never be greater than seventeen, seven of whom shall be clergymen and ten laymen, and that the five vacancies first occurring shall thenceforth be filled by the joint ballots of the Legislature of Massachusetts, in convocation of both Houses. This provision was maintained for nearly fifty years, until the Legislature, by an Act passed, and approved by the Governor April 28, 1874, conferred the power of filling these five vacancies upon the Alumni, by whom it is now exercised in accordance with rules adopted by the Board of Trustees in concurrence with the Society of the Alumni. The corporate name of the Institution is "The Trustees of Amherst College."

The general government of the College is vested in the Board of Trustees. Its immediate direction is vested in the Faculty, who are empowered by the Trustees to determine the topics and order and method of study, and to make such rules as may be deemed necessary for the best regulation of the College.

Corporation

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President of the College

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New Haven, Conn.

Secretary of the Corporation

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Hartford, Conn.

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HARRY WELTON KIDDER, B.A. Amherst, Mass.

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Overseers of the Charitable Fund

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M. FAYETTE DICKINSON, M.A.	Boston, Mass.
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REV. CHARLES W. MERRIAM	Greenfield, Mass.

HARRY WELTON KIDDER, B.A., *Commissioner*

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President's House

GEORGE DANIEL OLDS, LL.D., *Walker Professor of Mathematics, and Dean of the Faculty* 3 Orchard St.

EDWARD PAYSON CROWELL, D.D., *Professor Emeritus of the Latin Language and Literature* 21 Amity St.

EDWARD HITCHCOCK, M.D., LL.D., *Parmly Billings Professor of Hygiene and Physical Education,* 12 College St.

WILLIAM COLE ESTY, LL.D., *Professor Emeritus of Mathematics and Astronomy* 16 South Pleasant St.

ELIJAH PADDOCK HARRIS, PH.D., LL.D., *Professor Emeritus of Chemistry* 23 Woodside Ave.

BENJAMIN KENDALL EMERSON, PH.D., *Hitchcock Professor of Mineralogy and Geology* 21 Northampton Road

ANSON DANIEL MORSE, LL.D., *Professor Emeritus of History*
28 Northampton Road

JOHN MASON TYLER, PH.D., *Stone Professor of Biology*
8 Tyler Place

DAVID TODD, PH.D., *Professor of Astronomy and Navigation, and Director of the Observatory* Observatory House

JOHN FRANKLIN GENUNG, PH.D., D.D., *Professor of Literary and Biblical Interpretation* 6 College St.

WILLIAM LYMAN COWLES, M.A., *Moore Professor of the Latin Language and Literature* 20 Northampton Road

ARTHUR LALANNE KIMBALL, PH.D., *Professor of Physics* 25 Woodside Ave.

EDWIN AUGUSTUS GROSVENOR, LL.D., *Professor of Modern Government and International Law* 9 College St.

HARRY DE FOREST SMITH, M.A., *John C. Newton Professor of Greek* 5 College St.

GEORGE BOSWORTH CHURCHILL, PH.D.,* *Professor of English Literature* 25 Spring St.

THOMAS CUSHING ESTY, M.A., *Professor of Mathematics* 16 South Pleasant St.

WILLIAM PINGRY BIGELOW, M.A., *Professor of Music* 31 North Pleasant St.

ARTHUR JOHN HOPKINS, PH.D., *Professor of Chemistry* 2 South Pleasant St.

* Absent on leave.

JAMES WALTER CROOK, PH.D., *Professor of Economics*
1 College Ave.

PAUL CHRYSOSTOM PHILLIPS, M.D., *Professor of Hygiene
and Physical Education* 21 Lincoln Ave.

FREDERIC BREWSTER LOOMIS, PH.D., *Professor of Com-
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CLARENCE WILLIS EASTMAN, PH.D., *Professor of the German
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FREDERIC LINCOLN THOMPSON, M.A., *Professor of History*
63 South Pleasant St.

HENRY CARRINGTON LANCASTER, PH.D., *Professor of Ro-
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LEVI HENRY ELWELL, M.A., *Associate Professor of Greek,
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HERBERT PERCIVAL GALLINGER, PH.D., *Associate Professor
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ELLIOT SNELL HALL, PH.D., *Associate Professor of Chem-
istry* 99 South Pleasant St.

ARTHUR HENRY BAXTER, PH.D., *Associate Professor of*
Romance Languages 34 Lincoln Ave.

STANLEY LEMAN GALPIN, PH.D., *Associate Professor of*
Romance Languages 22 Northampton Road

JOHN CORSA, M.A., *Associate Professor of Public Speaking*
25 Amity St.

OTTO MANTHEY-ZORN, PH.D., *Associate Professor of German*
75 South Pleasant St.

ROBERT PALFREY UTTER, PH.D., *Associate Professor of*
English 83 South Pleasant St.

HOWARD WATERS DOUGHTY, PH.D., *Associate Professor of*
Chemistry 77 South Pleasant St.

WILLIAM AVERILL STOWELL, PH.D., *Associate Professor of*
Romance Languages 9 College Ave.

JOHN MAURICE CLARK, PH.D., *Associate Professor of*
Economics Mt. Doma

RICHARD FRANCIS NELLIGAN, *Associate Professor of Hy-*
giene and Physical Education 11 Sunset Ave.

HERBERT FRANKLIN HAMILTON, PH.D., *Assistant Professor*
of English 7 Northampton Road

CHARLES HANSEN TOLL, PH.D., *Assistant Professor of*
Philosophy Mt. Doma

LAURENCE HOUGHTON PARKER, B.A., *Assistant Professor
of Mathematics* 2 South Prospect St.

PERCY ROBERT CARPENTER, B.A., *Assistant Professor of
Physical Education, and Assistant to the Dean*
Kendrick Place

HERBERT PIERREPONT HOUGHTON, PH.D., *Assistant Pro-
fessor of Latin* 20 Spring St.

ALFRED SHEPARD GOODALE, B.A., *Instructor in Botany and
Registrar* South Amherst

CHARLES WIGGINS COBB, M.A., * *Walker Instructor in
Mathematics*

CLARENCE EDWARD ANDREWS, M.A., *Instructor in English*
Mt. Doma

WALTER PHELPS HALL, B.A., *Instructor in History*
Mt. Doma

WILLIAM RADER WESTHAFFER, M.A., *Instructor in Physics*
25 North Prospect St.

GEORGE EDWIN PORTER, PH.D., *Instructor in English*
19 Main St.

GEORGE HOFFMAN CRESSE, M.A., *Instructor in Mathematics*
19 Main St.

* Absent on leave

ARTHUR LIVINGSTONE KIMBALL, B.A., *Assistant in Geology*
25 Woodside Ave.

HUBERT BAKER GOODRICH, B.S., *Assistant in Biology*
99 South Pleasant St.

CHARLES JOHN HUDSON, B.A., *Assistant in the Observatory*
5 Snell St.

WILLIAM ISAAC FLETCHER, M.A., *Otis Librarian*
54 North Pleasant St.

ROBERT STILLMAN FLETCHER, B.A., *Assistant Librarian*
15 Gaylord St.

EDWARD ALSWORTH ROSS, PH.D., *Professor of Sociology*
in the University of Wisconsin, Henry Ward Beecher
Lecturer

CLAYTON CHARLES KOHL, PH.D., *Lecturer on Education*

Committees of the Faculty

Administration: The PRESIDENT, the DEAN, Professors TYLER, COWLES, ESTY, HOPKINS, NEWLIN.

Instruction: The PRESIDENT, Professors KIMBALL, SMITH, CROOK, ESTY, LOOMIS, F. L. THOMPSON, EASTMAN, LANCASTER.

Library: The PRESIDENT, Professors NEWLIN, GALLINGER, LOOMIS, EASTMAN, GENUNG, SMITH, the TREASURER.

Catalogue: The PRESIDENT, Professors SMITH, UTTER.

Entrance Examinations: the PRESIDENT, the DEAN, the REGISTRAR.

Certificate Privilege: The PRESIDENT, the DEAN, the REGISTRAR.

Scholarships: The PRESIDENT, the DEAN.

Student Loan Fund: The PRESIDENT, Professor TODD, the TREASURER.

Board of Public Exhibitions: Faculty Members: Professors CHURCHILL, CORSA, NEWLIN.

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Alumni Teachers' Exchange: Professors TYLER, J. O. THOMPSON, the REGISTRAR.

College Preachers

1909-1910

Prof. HENRY H. TWEEDY, D.D.	-	New Haven, Conn.
Rev. FRANK J. GOODWIN	- -	Pawtucket, R. I.
Pres. ALBERT P. FITCH, D.D.	- -	Cambridge
Dean W. L. ROBBINS, D.D.	- -	New York City
Rev. JASON N. PIERCE	- -	Brooklyn, N. Y.
Rev. WILLIAM E. BARTON, D.D.	- -	Oak Park, Ill.
Rev. NEHEMIAH BOYNTON, D.D.	- -	Brooklyn, N. Y.
BOOKER T. WASHINGTON, LL.D.	- -	Tuskegee, Ala.
Rev. SARTELL PRENTICE, JR.	- -	Nyack, N. Y.
Rev. H. ROSWELL BATES	- -	New York City
Rev. PAUL R. FROTHINGHAM	- -	Boston
Rev. JOHN B. CLARK	- -	Detroit, Mich.
Rev. HERBERT A. JUMP	- -	New Britain, Conn.
Rev. HUGH BLACK	- -	New York City
Rev. JAY T. STOCKING	- -	Newtonville
Rev. NEWTON M. HALL, D.D.	- -	Springfield
Rev. HENRY E. COBB, D.D.	- -	New York City
Rev. ALDEN H. CLARK	- -	India
Rev. CORNELIUS H. PATTON, D.D.	-	Boston
Rev. ROCKWELL H. POTTER, D.D.	-	Hartford, Conn.
Rev. LYMAN ABBOTT, D.D.	- -	New York City
Rev. HENRY A. STIMSON, D.D.	- -	New York City
Rev. HUGH BIRCKHEAD	- -	New York City
Rev. WILLIAM G. THAYER, D.D.	- -	Southboro
Prof. JAMES S. RIGGS, D.D.	- -	Auburn, N. Y.
Mr. ROBERT E. SPEER	- -	New York City
Rev. WILLIS H. BUTLER	- -	Northampton
Rev. GEORGE A. GORDON, D.D.	- -	Boston
Rev. ANDREW J. LYMAN, D.D.	- -	Brooklyn, N. Y.
Rev. F. BOYD EDWARDS	- -	Brooklyn, N. Y.
Rev. SHERROD SOULE	- -	Hartford, Conn.

President HARRIS and Professor GENUNG

Fellows and Resident Graduates

PRESERVED SMITH, PH.D., *Rufus B. Kellogg University*
Fellow Amherst, Mass.

ROBERT CORNELIUS MURRAY, B.A., *Roswell Dwight Hitch-*
cock Memorial Fellow Herkimer, N. Y.

JOHN PARK HENRY, B.A., *Edward Hitchcock Fellow*
Amherst, Mass.

RICHARD MITCHELS NEUSTADT, B.S., *South End House*
Fellow Boston, Mass.

CHARLES JOHN HUDSON, B.A. 5 Snell St.

WILLIAM SARGENT LADD, B.S. 1 North College

CHARLES BELCHER RUGG X Φ House

WEN PIN WEI, B.A. 5 Snell St.

Senior Class

The letter *s* after the name of a student indicates that he is a special student.

Abbot, Frank Prentice, Jr.	<i>Brooklyn, N. Y.</i>	B Θ Π House
Abele, Richard Peter	<i>Zanesville, Ohio</i>	Δ Τ House
Altschul, Justin August	<i>Dayton, Ohio</i>	Σ Δ Ρ House
Ashley, John Porter	<i>Deerfield, Mass.</i>	15 Spring St.
Babbage, Lawrence Washburn	<i>Glen Ridge, N. J.</i>	Θ Δ Χ House
Babcock, William James	<i>Rochester, N. Y.</i>	Χ Ψ Lodge
Ballard, Clifford Bateman	<i>Painesville, Ohio</i>	Δ Κ Ε House
Barnum, William Newton	<i>Brooklyn, N. Y.</i>	Δ Κ Ε House
Beckwith, Carleton Burwell	<i>Brooklyn, N. Y.</i>	Φ Δ Θ House
Belden, Carroll Reed	<i>Omaha, Neb.</i>	B Θ Π House
Bowen, Carl Kenneth	<i>Bellows Falls, Vt.</i>	Φ Κ Ψ House
Boyer, William Edward	<i>Somersworth, N. H.</i>	Φ Κ Ψ House
Brainerd, George Winthrop	<i>Holyoke, Mass.</i>	Χ Φ House
Bravo, Hylton Logan	<i>Newton Center, Mass.</i>	Φ Κ Ψ House
Bristol, Raymond Moreau	<i>Brooklyn, N. Y.</i>	13 Spring St.
Bryan, William Craig	<i>New York, N. Y.</i>	Φ Γ Δ House
Campbell, Charles Colfax	<i>Hackensack, N. J.</i>	Φ Γ Δ House
Cary, Frank	<i>Kyoto, Japan</i>	Κ Θ House
Chapin, Chester Fisher	<i>Montclair, N. J.</i>	Α Δ Φ House
Chapman, Charles Hyde	<i>Rutland, Vt.</i>	Ψ Τ House
Clarke, Alfred Henry	<i>Portland, Ore.</i>	B Θ Π House
Cooke, Thomas Skidmore	<i>Fredonia, N. Y.</i>	Φ Δ Θ House
Corry, William Francis	<i>Montpelier, Vt.</i>	Θ Δ Χ House
Corwin, Merton Polydore	<i>Cortland, N. Y.</i>	Φ Κ Ψ House
Cranshaw, Harold Brown	<i>Providence, R. I.</i>	B Θ Π House
Crewes, Chester Clarence	<i>Dwight, Ill.</i>	
Crittenden, Edmund Kearsley	<i>Brooklyn, N. Y.</i>	Α Δ Φ House
Dall, William Brand, Jr.	<i>Brooklyn, N. Y.</i>	Kendrick Court
Davis, Arthur Lorenzo	<i>Ware, Mass.</i>	17 Amity St.
Delatour, Beeckman Jousseaum	<i>Brooklyn, N. Y.</i>	B Θ Π House
Ehrgood, Allen Harry	<i>Lebanon, Pa.</i>	Ψ Τ House
Elder, Frank Rose	<i>Amherst, Mass.</i>	8 Triangle St.
Fairbank, Alan Melvin	<i>Ahmednagar, India</i>	B Θ Π House
Fish, Gordon Thorn	<i>Newark, N. J.</i>	15 Spring St.

George Robert Hudson
Gormley, Arthur Spain
Haven, Erastus Otis
Haviland, Howard Ross
Heermans, George Arthur
Henofer, Elmer Wilson

Jacobs, Paul Cloyd
Jones, Clayton Berry
Kane, Thomas Leo
Keith, Roger
Kernan, Thomas Francis
Keyes, John Humphrey
Kittle, Sherman Crary
Lamb, John Jefferson
Levy, Isidor David
Lilienthal, Philip Nettle, Jr.
Lord, Herbert Gardiner, Jr.
Lord, Upton Prentiss
McBride, George Henry
McCague, John Livingston
McInerney, John Walter
Marsh, Edward Henry
Maxson, Edgar Potter
Maynard, Harry Hilts
Miller, Harold Stuart
Morton, Walter Harrison
Myers, Robert Evershed
Parks, George Bruner
Parsons-Smith, Donald
Patterson, Arthur Dunn
Pattison, Arthur Eugene, Jr.
Patton, William Weston
Paul, Randolph Evernghim
Pawley, Thomas Désiré

Pennock, Eugene Ramey
Phelps, Alfred Edward

Brookline, Mass. X Ψ Lodge
Chicago, Ill. Φ Δ Θ House
Lake Forest, Ill. X Ψ Lodge
Brooklyn, N. Y. Δ T House
Corning, N. Y. K Θ House
West New Brighton, N. Y.

11 South Prospect St.

Lima, Ohio X Φ House
Elizabeth, N. J. Δ K E House
Gardiner, Me. Θ Δ X House
Brockton, Mass. X Φ House
Cortland, N. Y. Φ K Ψ House
Brookline, Mass. Φ K Ψ House
Stamford, N. Y. Φ Γ Δ House
Worcester, Mass. Φ Γ Δ House
Greenfield, Mass. 17 So. Prospect St.
New York, N. Y. Θ Δ X House
New York, N. Y. Φ Δ Θ House
Omaha, Neb. Δ K E House
East Orange, N. J. X Ψ Lodge
Omaha, Neb. X Ψ Lodge
Adams, Mass. Hunt Block
Brooklyn, N. Y. 15 Amity St.
Westerly, R. I. Δ K E House
Stamford, N. Y. Φ Γ Δ House
Providence, R. I. 21 Woodside Ave.
Worcester, Mass. Φ Γ Δ House
Rochester, N. Y. B Θ II House
Brooklyn, N. Y. K Θ House
Toledo, Ohio X Ψ Lodge
Findlay, Ohio Ψ T House
Ridgewood, N. J. Ψ T House
Highland Park, Ill. X Φ House
Ridgewood, N. J. Φ Γ Δ House
East Northfield, Mass.

15 South College

Altoona, Pa. Δ K E House
Brooklyn, N. Y. 15 Amity St.

Pinkett, John Randolph	Washington, D. C.	17 South College
Pohl, Frederick Julius	Brooklyn, N. Y.	Σ Δ P House
Powell, William Baker	Cleveland, Ohio	Ψ T House
Prince, Stanley Hodgdon	Lexington, Mass.	Α Δ Φ House
Radcliffe, Vernon	Brooklyn, N. Y.	X Φ Annex
Riker, Joseph Marsh, Jr.	Newark, N. J.	Ψ T House
Roberts, Ernest Marion s	White Cottage, Ohio	Δ T House
Roberts, Harold Carrier	Utica, N. Y.	Α Δ Φ House
Roberts, Lawrence Winston	Utica, N. Y.	Α Δ Φ House
Sawyer, George Garfield	Hackensack, N. J.	K Θ House
Scandrett, Richard Brown, Jr.	Edgeworth, Pa.	B Θ Π House
Scantlebury, Paul Fenwick	Springfield, Mass.	College Library
Seelye, Laurens Hickok	Wooster, Ohio	21 Northampton Road
Shumway, Waldo	Brooklyn, N. Y.	Σ Δ P House
Slayton, George Noyes	Morrisville, Vt.	K Θ House
Smith, Walter Winthrop	Philadelphia, Pa.	15 Amity St.
Snow, Charles Freeman	Newtonville, Mass.	25 Pleasant St.
Stearns, Albert Thomas, 2nd	Boston, Mass.	X Ψ Lodge
Stevens, John Hardison	New York, N. Y.	Δ K E House
Stone, William Morrell	Guilford, Conn.	K Θ House
Stott, Frederic William Heaton	Philadelphia, Pa.	Ψ T House
Thompson, Leighton Sumner	East Weymouth, Mass.	Σ Δ P House
Treadwell, George Ludington s	Brookline, Mass.	Φ Δ Θ House
Wakelee, Louis Elmer	Big Flats, N. Y.	X Ψ Lodge
Walbridge, Arthur Hess	Rochester, N. Y.	Α Δ Φ House
Walker, Lewis Brigham	Norwood, Mass.	15 Spring St.
Washburn, William Francis	Brockton, Mass.	X Φ House
Weathers, Brantley Alexander, Jr.	Ocala, Fla.	Ψ T House
Wheelock, Dexter	Brooklyn, N. Y.	X Φ House
Whitney, Harold Adelbert	Chenango Forks, N. Y.	Φ K Ψ House
Whitten, Edmund Sumner	Holyoke, Mass.	11 So. Prospect St.
Williams, George Way	Rochester, N. Y.	Φ Γ Δ House
Wilson, Leonard Hodges	Waterville, N. Y.	Α Δ Φ House
Wood, Lawrence	Monongahela, Pa.	Δ K E House
Woodside, William Stewart	Elmira, N. Y.	Θ Δ X House
Yerrall, George Randall, Jr.	Springfield, Mass.	X Φ House
Young, Donnell Brooks	North Hanover, Mass.	8 North Prospect St.

Junior Class

Armstrong, Robert Grenville	<i>Northampton, Mass.</i>	Φ Γ Δ House
Bacon, Howard Rogers	<i>Pittsford, N. Y.</i>	Θ Δ X House
Banfield, Everett Colby	<i>Austin, Minn.</i>	Φ K Ψ House
Barton, Frederick Bushnell	<i>Oak Park, Ill.</i>	A Δ Φ House
Baumann, Albert Vogt, Jr.	<i>Fremont, Ohio</i>	B Θ Π House
Beach, Frederick Harold	<i>New York, N. Y.</i>	14 Maple Ave.
Beatty, Claudius Francis	<i>Brooklyn, N. Y.</i>	Φ Δ Θ House
Berry, Allen Douglas	<i>Nashville, Tenn.</i>	Φ K Ψ House
Bishop, Stanley Guard	<i>Glyndon, Md.</i>	Δ K E House
Bishop, William Woolley	<i>Southampton, N. Y.</i>	X Φ Annex
Brock, Roland Humphrey	<i>Athol, Mass.</i>	Θ Δ X House
Brown, Edmund, Jr.	<i>Norfolk, Conn.</i>	Φ K Ψ House
Burns, Howard Fletcher	<i>Pittsburgh, Pa.</i>	8 North Prospect St.
Burt, Wilbur Farnham	<i>New York, N. Y.</i>	Ψ T House
Bussom, Thomas Wainwright	<i>Pottsville, Pa.</i>	Δ K E House
Campbell, Archibald Brush	<i>Mt. Vernon, N. Y.</i>	K Θ House
Chasseaud, Hervé Gordon de	<i>Brooklyn, N. Y.</i>	B Θ Π House
Clapp, George Ewing	<i>Northampton, Mass.</i>	14 Maple Ave.
Clarke, Herbert Houghton	<i>Portland, Ore.</i>	28 North Pleasant St.
Colton, James Learing	<i>Chicago, Ill.</i>	Φ Δ Θ House
Cook, Allan Wylie	<i>Mendota, Ill.</i>	5 School St.
Crandall, Harold Warren	<i>Normandy, Mo.</i>	A Δ Φ House
Cushing, Bartlett Ellis	<i>Middleboro, Mass.</i>	Φ K Ψ House
Davenport, Russell Lounsberry	<i>Ogden, Utah</i>	1 College Ave.
Davis, Clarion Almado	<i>Collinsville, Conn.</i>	Φ Γ Δ House
Davis, Fred Cady	<i>Somers, Conn.</i>	21 Main St.
Dawson, George Littleton	<i>Uniontown, Pa.</i>	Φ K Ψ House
Dick, Richard Georg	<i>Worcester, Mass.</i>	8 Spring St.
Eadie, Lewis Arnold	<i>Pittsfield, Mass.</i>	Ψ T House
Edds, Mac Vincent	<i>Sag Harbor, N. Y.</i>	Δ T House
Fitts, George Henry	<i>Pawtucket, R. I.</i>	Ψ T House
Fitts, Harold Edward	<i>Mansfield, Mass.</i>	Θ Δ X House
Fraser, Harold Lloyd	<i>Woburn, Mass.</i>	Σ Δ P House
Freeman, Harlan Page	<i>Fredonia, N. Y.</i>	Σ Δ P House

Gideon, Reinhart Lang
 Goldstein, Harry
 Gregory, Ernest
 Haight, Harris Losee

Hall, Russell Bertram
 Heavens, Ralph Bardwell
 Hubbard, Claude Harrison
 Hunting, Raymond Davis
 Hurst, Benoni Price
 Jackson, Frank Stanley
 Jones, Levi Ronald
 Jones, Lloyd
 Keeler, Isaac Spaulding
 Kelly, Lawrence Rogers

Keyser, Paul Fulmer
 Knapp, Benjamin Franklin
 Lary, Harold Raymond
 Lee, Harold Canfield
 Levy, Maurice Jacques
 Lucey, Patrick Henry
 Lusk, George W.
 Lyon, Arthur Bates
 McFarland, Frank Janvier
 Madden, John Harrison
 Mesick, Henry Thomas
 Miles, Daniel Nelson
 Miller, Spencer, Jr.
 Millett, Fred Benjamin
 Miner, Edward Cooley

Moller, Lester John Frederick
 Moody, Van Buren
 Norris, William Baker, Jr.
 Olds, Leland
 Orr, Walter Stuart
 Parsons, DeWitt Hoag

Ogden, Utah 21 Main St.
 Spokane, Wash. 55 So. Pleasant St.
 Marblehead, Mass. Δ K E House
 Millbrook, N. Y.

3 Northampton Road
 Worcester, Mass. Θ Δ X House
 Plymouth, Mass. Σ Δ P House
 Hatfield, Mass. Φ Γ Δ House
 Boston, Mass. Δ K E House
 Washington, D. C. 17 South College
 Winthrop, Me. 8 North Prospect St.
 Winthrop, Me. 8 Spring St.
 Circleville, Ohio A Δ Φ House
 Grand Rapids, Mich. Δ T House
 Brighton, Mass.

3 Northampton Road
 East Orange, N. J. Nash Block
 Canandaigua, N. Y. 15 Amity St.
 Wareham, Mass. Φ K Ψ House
 Topeka, Kan. 5 School St.
 Greenfield, Mass. 17 So. Prospect St.
 Northampton, Mass. K Θ House
 Worcester, Mass. College Library
 Brockton, Mass. Φ K Ψ House
 Brooklyn, N. Y. X Ψ Lodge
 Binghamton, N. Y. Δ K E House
 Springfield, Mass. 28 South College
 Livingston, Mont. X Ψ Lodge
 South Orange, N. J. A Δ Φ House
 Whitman, Mass. K Θ House
 Springfield, Mass.

27 North Prospect St.
 Brooklyn, N. Y. B Θ Π House
 Mt. Hermon, Mass. 11 South College
 St. Joseph, Mo. Δ T House
 Amherst, Mass. A Δ Φ House
 Orr's Mills, N. Y. Δ T House
 Binghamton, N. Y. Ψ T House

Peacock, Alfred Burlingham	Brooklyn, N. Y.	B Θ Π House
Pease, Franklin Stuart	Enfield, Ct. 8	North Prospect St.
Peirce, Harry Haines	Taunton, Mass. 28	South College
Perkins, Charles Kingman	Manchester, Vt.	Φ K Ψ House
Peters, Reed Charles	Omaha, Neb.	B Θ Π House
Pinney, Harold Burley	Springfield, Mass.	Δ K E House
Proudfoot, Perry Alexander	Roselle, N. J. 8	North Prospect St.
Quinn, James Joseph, Jr.	Whitinsville, Mass.	X Φ Annex
Ramage, Alfred Hull	Oil City, Pa.	Δ K E House
Randell, George Mulford	New York, N. Y.	Φ Δ Θ House
Rathbun, Benjamin	Elmira, N. Y.	A Δ Φ House
Sanford, Wayland Hall	Duluth, Minn.	Δ T House
Sheldon, Winfred Charles	Fort Ann, N. Y.	Φ Γ Δ House
Sheridan, Charles Fitzgerald	Oswego, N. Y. 8	North College
Sherman, Stanley Carter	Quincy, Mass. 7	Parsons St.
Sibley, Beeman Pitcher	Wellesley Hills, Mass.	X Φ Annex
Sigel, Glenn Lara	Portland, Ore.	B Θ Π House
Simpson, Howard Dodd	Brooklyn, N. Y.	X Φ Annex
Smith, Carl J.	Stillwater, N. Y.	K Θ House
South, Harold Thomas	East Braintree, Mass.	K Θ House
Spalding, Charles Dawson	Malden, Mass.	K Θ House
Stebbins, Leon Raymond s	South Deerfield, Mass.	Gymnasium
Steber, Raymond William	Warren, Pa.	Φ Δ Θ House
Stuart, Merritt Corbett	Binghamton, N. Y.	Ψ T House
Stubbs, Eric Walter	New York, N. Y.	Δ K E House
Swanton, Hobart Paul	Rochester, N. Y.	A Δ Φ House
Tead, Ordway	Somerville, Mass.	A Δ Φ House
Thornton, Irving Taylor	Buffalo, N. Y. 8	North Prospect St.
Turner, Philip Layton	Elmhurst, N. Y.	Δ T House
Vernon, Joseph Henry	Mansfield, Mass.	Φ Δ Θ House
Vollmer, Edward Bartlett s	Brooklyn, N. Y.	X Φ Annex
Weatherby, Willard Erastus	Russell, Pa.	Φ Δ Θ House
Welles, Robert	Paris, France	X Ψ Lodge
Wellman, Sargent Holbrook	Topsfield, Mass.	X Ψ Lodge
Whiteman, Harold Bartlett	Rochester, N. Y.	A Δ Φ House
Williams, Lester Emerson	Brockton, Mass.	K Θ House

Sophomore Class

Allen, Herbert Charles, Jr.	<i>Buffalo, N. Y.</i>	Δ T House
Allen, Harold Gates	<i>Auburndale, Mass.</i>	K Θ House
Anderson, Floyd Eugene	<i>Bainbridge, N. Y.</i>	Φ Γ Δ House
Averill, Otis	<i>Flushing, N. Y.</i>	Δ Δ Φ House
Babbott, Frank Lusk, Jr.	<i>Brooklyn, N. Y.</i>	Δ Δ Φ House
Bailey, Charles Fifield	<i>Montpelier, Vt.</i>	Δ K E House
Barnes, Harry Paul	<i>Ambler, Pa.</i>	Φ Δ Θ House
Bassett, Preston Rogers	<i>Brooklyn, N. Y.</i>	11 Parsons St.
Beckwith, Kenneth Burwell	<i>Amherst, Mass.</i>	Φ Δ Θ House
Belden, Horace Potter	<i>Hamilton, Ohio</i>	B Θ Π House
Benedict, Chauncey	<i>Montclair, N. J.</i>	Ψ T House
Bixby, Harold McMillan	<i>St. Louis, Mo.</i>	Ψ T House
Blackmer, Waldo Harvey	<i>Worcester, Mass.</i>	Φ Δ Θ House
Bond, Arthur Hazard	<i>Springfield, Mass.</i>	X Φ Annex
Browne, Robert Henry	<i>Doylestown, Pa.</i>	X Φ Annex
Brown, Wayland Hoyt	<i>Minneapolis, Minn.</i>	Ψ T House
Burns, Timothy Joseph	<i>Ware, Mass.</i>	15 Amity St.
Cadman, Frederick Leslie	<i>Brooklyn, N. Y.</i>	B Θ Π House
Caldwell, Harold Van Yorx	<i>Winchester, Mass.</i>	Φ K Ψ House
Caldwell, Louis Goldsborough	<i>Oak Park, Ill.</i>	Δ T House
Carter, Chauncey Paul	<i>Brooklyn, N. Y.</i>	Δ T House
Coates, John Locke	<i>Alliance, Ohio</i>	Δ Δ Φ House
Cobb, Samuel Henry	<i>South Orange, N. J.</i>	13 Spring St.
Coffey, John Edward Develin	<i>Hackensack, N. J.</i>	X Ψ Lodge
Collins, Frank Samuel	<i>River Forest, Ill.</i>	B Θ Π House
Connolly, Bartholomew Joseph, Jr.	<i>Roxbury, Mass.</i>	Ψ T House
Cook, Lloyd Harlow	<i>Chelsea, Mass.</i>	Σ Δ P House
Cousins, Thomas Flint	<i>Brooklyn, N. Y.</i>	Σ Δ P House
Coxhead, John Wallace	<i>Buffalo, N. Y.</i>	X Ψ Lodge
Coyle, Walter Wensley	<i>Ridgewood, N. J.</i>	Φ Γ Δ House
Creede, Thomas Raymond, Jr. s	<i>East Orange, N. J.</i>	Δ K E House
Cross, Raymond Witherspoon	<i>Rochester, N. Y.</i>	21 Main St.
Cutler, John Burdet, Jr.	<i>Hinsdale, Ill.</i>	B Θ Π House
Dawes, Ralph Norton	<i>Springfield, Mass.</i>	14 Maple Ave.

Elliott, Irvine Wilbur	Cambridge, Mass.	Φ Δ Θ House
Farwell, John Eden	Geneva, N. Y.	Θ Δ X House
Ferris, John Stewart	Wellesley Hills, Mass.	
	29 North Prospect St.	
Fitzsimmons, Raymond James	Holyoke, Mass.	Θ Δ X House
Gilligan, Francis Timothy	Holyoke, Mass.	
Glen, Horatio Gates, Jr.	Schenectady, N. Y.	
	6 Northampton Road	
Goff, William Leslie	Winchester, Mass.	Θ Δ X House
Good, Paul Francis	Wahoo, Neb.	7 Parsons St.
Greene, Theodore Ainsworth	Middletown, Conn.	A Δ Φ House
Guetter, Frederick John	Elwyn, Pa.	Φ Δ Θ House
Hamilton, William Galloway	Fond du Lac, Wis.	Φ K Ψ House
Hardy, Wilton Audubon	Amherst, Mass.	15 Lincoln Ave.
Hauck, George Washington	Mechanicsburg, Pa.	15 Amity St.
Havens, George Remington, Jr.	Shelter Island Heights, N. Y.	
	19 South College	
Heinritz, Frederick John	Holyoke, Mass.	Σ Δ P House
Hopkins, Carroll Lyman	Lansing, Mich.	15 Amity St.
Hutchens, Harold William	Johnstown, N. Y.	X Φ House
Jaqueth, John Munro	Brooklyn, N. Y.	31 No. Prospect St.
Jenkins, Robert Alden	Whitman, Mass.	K Θ House
Jewett, Donald Campbell	Cherryfield, Me.	17 Amity St.
Johnston, Charles Lindley, Jr.	Brooklyn, N. Y.	Δ T House
Joost, Arthur Martin	Brooklyn, N. Y.	5 School St.
Keller, Fernando Carl	Rochester, N. Y.	Whitridge Hall
King, John Lord	Winnetka, Ill.	Φ Δ Θ House
Klingensfeld, John Henry, Jr.	Brooklyn, N. Y.	Σ Δ P House
Knudson, Edward Chevalier	Devon, Pa.	Nash Block
Konold, Herschel Scott	Oak Park, Ill.	Δ T House
Ladd, Charles Thornton	Portland, Ore.	A Δ Φ House
Lamberton, Harold Hutchinson	Franklin, Pa.	Ψ T House
Lathrop, Carl Oswald	Fall River, Mass.	21 Main St.
Lee, Henry Foster	Buffalo, N. Y.	Δ T House
Leiper, Henry Smith s	Blauvelt, N. Y.	B Θ Π House
Lindsay, Kenneth Clement	Milwaukee, Wis.	X Ψ Lodge
Littlejohn, Hugh Warwick	Flushing, N. Y.	A Δ Φ House
Livingston, Samuel Maurice	Northampton, Mass.	

Loomis, Henry Sprague	Westfield, N. J.	21 Main St.
Macdonald, James Frederick	Seattle, Wash.	Φ Γ Δ House
Marsh, Allison Wilson	Quincy, Mass.	7 Parsons St.
Martin, James Gardner	Attica, Ind.	Φ K Ψ House
Maxson, John Stevens	Homer, N. Y.	Φ K Ψ House
Mealand, Arthur John, Jr.	Greenfield, Mass.	3 Northampton Rd
Merrill, Randolph Seaman	Paterson, N. J.	Φ Γ Δ House
Mitchell, John Houston	Meriden, Conn.	Δ K E House
Moore, John Stanley	Newton Centre, Mass.	Δ K E House
Moore, Walter Weaver	Johnstown, Pa.	Δ T House
Morris, Albert Millard	Yonkers, N. Y.	Α Δ Φ House
Morse, Edward Stiles	Amherst, Mass.	28 Northampton Rd
Newbery, Alfred	New York, N. Y.	8 Woodside Ave.
Noble, Arthur William	Somerville, Mass.	Α K E House
Olds, George Daniel, Jr.	Amherst, Mass.	Α Δ Φ House
Parsons, Charles Edwards	Colorado Springs, Colo.	Whitridge Hall
Partenheimer, Harold Philip	Greenfield, Mass.	14 Maple Ave.
Patten, Kenneth Spalding	Brockport, N. Y.	Θ Δ X House
Patton, Hamilton	Highland Park, Ill.	X Φ House
Plough, Harold Henry	New York, N. Y.	Δ T House
Pope, Frederick Russell	Brooklyn, N. Y.	K Θ House
Price, Clark Monroe	Woodmere, N. Y.	8 Woodside Ave.
Pride, Herbert Hammond	Quincy, Mass.	Σ Δ P House
Proctor, Hilliard Alonzo	Corning, N. Y.	Whitridge Hall
Quill, James Robert	North Brookfield, Mass.	Hunt Block
Radding, Moses Bernhard	West Springfield, Mass.	19 South College
Rankin, Russell Bruce	Newark, N. J.	8 Spring St.
Richard, Irving Edward	Rochester, N. Y.	Δ K E House
Riker, Joseph Marsh, Jr.	Newark, N. J.	Ψ T House
Robinson, Gain	Springfield, Mass.	X Φ Annex
Rothberg, Isidor Harvey	Plainfield, N. J.	32 South College
Scatchard, George	Oneonta, N. Y.	8 Spring St.
Seaman, James Alpheus	Hoboken, N. J.	
Searle, Emerson Sheldon	Chemistry Laboratory	
Simpson, John Woodruff	Hadley, Mass.	71 So. Pleasant St.
	East Craftsbury, Vt.	13 Spring St.

Slocum, Winfield Scott, Jr.	<i>Newton, Mass.</i>	Δ K E House
Smith, Frank Jonathan Ernest	<i>Holyoke, Mass.</i>	
	Chemistry Laboratory	
Smith, Frank Monroe	<i>Freehold, N. J.</i>	Δ T House
Smith, Walter Willoughby	<i>Uniontown, Pa.</i>	1 College Ave.
Steele, Jack Worthington	<i>Painesville, Ohio</i>	B Θ Π House
Stelling, Frank Palmer	<i>New York, N. Y.</i>	Θ Δ X House
Stewart, Lewis Morton	<i>Glen Ridge, N. J.</i>	Θ Δ X House
Stilwell, Lewis Dayton	<i>Syracuse, N. Y.</i>	Φ K Ψ House
Stimets, Bruce Negus	<i>Jersey City, N. Y.</i>	14 Maple Ave.
Stirn, Albert Louis	<i>Stapleton, N. Y.</i>	Ψ T House
Stone, George Lester	<i>Salem, Mass.</i>	Chemistry Laboratory
Stone, Nelson	<i>Wareham, Mass.</i>	K Θ House
Stone, Raymond Worthington	<i>Brookline, Mass.</i>	Φ Δ Θ House
Storrs, John Tyler	<i>Ware, Mass.</i>	Δ K E House
Stout, Robert Irving	<i>Omaha, Neb.</i>	X Ψ House
Stubbs, Erling Aubrey	<i>New York, N. Y.</i>	4 Lessey St.
Svirsky, Max	<i>Brooklyn, N. Y.</i>	71 So. Pleasant St.
Tappin, Clarence Leon	<i>Gardner, Mass.</i>	71 So. Pleasant St.
Thomas, Walter Frederic	<i>Melrose, Mass.</i>	Θ Δ X House
Thompson, Joseph Clemengen, 2d	<i>Lima, Ohio</i>	8 Spring St.
Tilden, James Addison, Jr.	<i>Hyde Park, Mass.</i>	Ψ T House
Vance, Clyde Fulmer	<i>Norwood, Mass.</i>	71 So. Pleasant St.
Voorhees, Judah Edgar	<i>Upper Montclair, N. J.</i>	7 Parsons St.
Wadhams, Charles Hastings	<i>Pittsford, N. Y.</i>	Whitridge Hall
Wallace, Ben Parkinson	<i>Washington, Ia.</i>	Φ K Ψ House
Walcott, Chester Lincoln	<i>Providence, R. I.</i>	K Θ House
Warner, Hunt	<i>Northampton, Mass.</i>	
	6 Northampton Road	
Wesby, Joseph Spencer	<i>Worcester, Mass.</i>	X Φ Annex
Westcott, Ralph Wells	<i>Oak Park, Ill.</i>	Θ Δ X House
Whitney, William Henry	<i>West Springfield, Mass.</i>	
	19 South College	
Wilcox, Sanford Potter	<i>Grand Rapids, Mich.</i>	Φ Δ Θ House
Wilcox, William Joralemon	<i>Madison, Conn.</i>	21 Main St.
Wilder, Harry Converse	<i>Carthage, N. Y.</i>	A Δ Φ House
Williamson, Gerald Humphrey	<i>Rochester, N. Y.</i>	21 Main St.
Woodruff, Donald Mark	<i>Dewitt, Mich.</i>	15 Amity St.

Freshman Class

Averill, Norman Whitehouse	<i>Flushing, N. Y.</i>	6 South College
Ballantine, Benjamin Darling	<i>Rahuri, India</i>	22 South College
Barton, Raymond Gregory	<i>New Milford, Conn.</i>	17 Amity St.
Beatty, Joseph Johnstone	<i>Newtonville, Mass.</i>	5 School St.
Bedford, Frederick Henry Jr.	<i>Brooklyn, N. Y.</i>	5 Parsons St.
Beyer, Emil Henry	<i>South Hadley Falls, Mass.</i>	
Bliss, Mervin Washington	<i>Webster, N. H.</i>	1 Woodside Ave.
Bliss, Percival Floyd	<i>Holyoke, Mass.</i>	71 So. Pleasant St.
Booth, Ralph Henry	<i>Springfield, Mass.</i>	17 Amity St.
Boutwell, Roland Hill, 2nd	<i>Boston, Mass.</i>	23 South College
Brace, Carleton Hoskins	<i>Gloversville, N. Y.</i>	7 South College
Brigham, Paul Fairbanks	<i>Waltham, Mass.</i>	17 Amity St.
Bronk, James Edmund	<i>Amsterdam, N. Y.</i>	5 South College
Brough, Frank Christopher	<i>Hackensack, N. J.</i>	8 South College
Brown, Donald Howlett	<i>Minneapolis, Minn.</i>	21 South College
Buffington, Kenneth	<i>Kittanning, Pa.</i>	21 South College
Bulger, Maurice Scott	<i>Uniontown, Pa.</i>	1 College Ave.
Burdick, Percy Jay	<i>Ballston Spa, N. Y.</i>	29 North College
Butler, Earle Dudley,	<i>Meriden, Conn.</i>	30 South College
Carpenter, John Tilney	<i>New York, N. Y.</i>	17 Amity St.
Chamberlain, Sydney Dakin	<i>Springfield, Mass.</i>	14 Maple Ave.
Child, John Randall	<i>Morrisville, Vt.</i>	11 North College
Childs, Maurice Frederick	<i>North Rochester, Mass.</i>	6 Phillips St.
Clark, Dwight Nelson	<i>Norfolk, Conn.</i>	23 North College
Cobb, Edward Sprague	<i>South Orange, N. J.</i>	13 Spring St.
Cohn, Edwin Joseph	<i>New York, N. Y.</i>	12 North College
Cowham, Robert Neil	<i>Jackson, Mich.</i>	4 Lessey St.
Creedon, Herbert	<i>Amherst, Mass.</i>	17 So. Prospect St.
Crilly, William Michael	<i>Chicago, Ill.</i>	8 North College
Cunningham, Crawford Boyer	<i>Pittsburgh, Pa.</i>	12 South College
Curry, Clarence Pratt	<i>Portland, Ore.</i>	4 North Prospect St.
Curtis, Marvin Kent	<i>Chicago, Ill.</i>	Nash Block

Cushman, Solomon Frederick, Jr.	<i>Monson, Mass.</i>	13 North College
Darrin, Ralph Mead	<i>Corning, N. Y.</i>	16 North College
DeBevoise, Charles Richmond, Jr.s	<i>Newark, N. J.</i>	Whitridge Hall
DeCastro, Allen John	<i>New York, N. Y.</i>	8 No. Prospect St.
DeVeau, Louis Burke, Jr.	<i>New York, N. Y.</i>	A South College
Dickson, John Dawson	<i>Angelica, N. Y.</i>	9 South College
Donohue, Jeremiah Joseph	<i>Lynn, Mass.</i>	32 North College
Ferris, Frank Halliday	<i>Ridgefield Park, N. J.</i>	D North College
Finch, Frank Clifford	<i>Endicott, N. Y.</i>	11 North College
Firman, Royal	<i>Oak Park, Ill.</i>	30 North College
Fiske, George Foster, Jr.	<i>River Forest, Ill.</i>	21 North College
Focht, John Hill	<i>Plantsville, Conn.</i>	10 North College
Foddy, George Richard, Jr.	<i>Brooklyn, N. Y.</i>	22 North College
Gaunt, Merrill Stanton	<i>Methuen, Mass.</i>	4 North College
Glann, Charles	<i>Cortland, N. Y.</i>	27 South College
Glass, Fred Everett	<i>Bangor, Maine</i>	13 North College
Greene, Walter Farrar	<i>Middletown, Conn.</i>	31 South College
Gundaker, Guy Harry	<i>Oak Park, Ill.</i>	29 South College
Hall, Cecil John	<i>New York, N. Y.</i>	E North College
Hall, Maynard Howes	<i>Ridgewood, N. J.</i>	14 Maple Ave.
Hanford, Robert Clinton	<i>Westfield, N. J.</i>	9 North College
Harding, Howard Charles	<i>Mansfield, Ohio</i>	Δ T House
Hardy, Paul Wallace	<i>Amherst, Mass.</i>	15 Lincoln Ave.
Harwood, William Bradford	<i>Great Neck, N. Y.</i>	X Φ Annex
Heald, Stanley	<i>Weymouth, Mass.</i>	10 South College
Hersh, Austin Herman	<i>Elizabeth, N. J.</i>	F North College
Hickson, Leslie Matheson	<i>Brooklyn, N. Y.</i>	26 North College
Hough, John Kenneth	<i>Erie, Pa.</i>	16 Maple Ave.
Hubbard, Silas Graves	<i>Hatfield, Mass.</i>	Gymnasium
Hubbard, Theodore Horace	<i>White Plains, N. Y.</i>	1 South College
Hull, Allen Birdsall	<i>Brooklyn, N. Y.</i>	23 South College
Huthsteiner, Louis	<i>Schenectady, N. Y.</i>	4 South College
Insley, Herbert	<i>Nanuet, N. Y.</i>	8 South College
Iwado, Tamotsu	<i>Okayama, Japan</i>	15 North College
Jenkins, Algernon Sidney	<i>Germantown, Pa.</i>	17 Amity St.
Jewett, Harold Ernest	<i>Howard, R. I.</i>	Hunt Block
Johnson, Herbert Brightwell	<i>Flushing, N. Y.</i>	19 North College

Kimball, Herbert Maxwell	<i>Amherst, Mass.</i>	25 Woodside Ave.
Kimball, James Richard	<i>Orange, Mass.</i>	6 North College
Kimball, Richard Montague	<i>Foxboro, Mass.</i>	6 North College
Lawrence, Ralph Alphonso	<i>North Leverett, Mass.</i>	7 Parsons St.
Lewis, Arthur John	<i>Whitman, Mass.</i>	4 North College
Livingstone, Colin	<i>Portland, Ore.</i>	4 North Prospect St.
Long, John Cuthbert	<i>Brooklyn, N. Y.</i>	18 South College
Luce, Hallock, Jr.	<i>Riverhead, N. Y.</i>	3 Northampton Rd.
McClary, Horace Prescott	<i>Windsor, Vt.</i>	21 Main St.
McGay, Walter Howard	<i>Oak Park, Ill.</i>	30 North College
Mathews, Ross	<i>Jersey City, N. J.</i>	Δ K E House
Maxon, Mark Emerson	<i>Cortland, N. Y.</i>	17 North College
Miller, Stanwood	<i>Boston, Mass.</i>	9 South College
Miller, Tilford Wentworth	<i>Hartford, Conn.</i>	6 South College
Mills, Charles Morris	<i>St. Louis, Mo.</i>	31 South College
Mitchell, Alvin s	<i>Los Angeles, Cal.</i>	Θ Δ X House
Moodey, John Steele	<i>Painesville, O.</i>	16 North College
Morrow, William Otway	<i>Alenhurst, N. J.</i>	10 South College
Morse, George Verdi	<i>Berlin, Mass.</i>	25 North College
Moulton, Charles Henry	<i>Brookfield, Mass.</i>	15 North College
Murphy, Robert John	<i>Nora Springs, Ia.</i>	2 South College
Osterkamp, Fritz Emil s	<i>Flushing, N. Y.</i>	19 North College
Outwater, John Ogden	<i>New York, N. Y.</i>	27 North College
Parshall, James M	<i>Uniontown, Pa.</i>	14 South College
Patterson, Thomas King	<i>Mineola, N. Y.</i>	3 Northampton Rd.
Payne, Philip West	<i>Omaha, Neb.</i>	13 South College
Potter, Nathan Dumont	<i>Norfolk, Conn.</i>	25 South College
Pouch, Arnold Cromwell	<i>New Brighton, N. Y.</i>	28 North Pleasant St.
Prout, Charles Dusenbury	<i>Asbury, Park N. J.</i>	16 South College
Quaintance, Cregar Brough	<i>Golden, Colo.</i>	4 South College
Renfrew, Franklin Ward	<i>Brooklyn, N. Y.</i>	26 North College
Richardson, Burdick Nelson	<i>Davenport, Ia.</i>	17 Amity St.
Richmond, Clinton Whitman	<i>North Adams, Mass.</i>	17 Amity St.
Ritter, Henry App, Jr.	<i>Highland Park, Ill.</i>	Nash Block
Robinson, Orin Pomeroy	<i>Corning, N. Y.</i>	E North College
Rosenberg, Richard David	<i>Chicago, Ill.</i>	5 North College
Rugg, Clarence DeWitt	<i>Greenfield, Mass.</i>	3 Northampton Rd

Rugg, Charles Parks	Worcester, Mass.	28 North College
Runyan, William John	Warren, Mass.	17 Amity St.
Scattergood, Ernest Thomas	Edgewood, R. I.	14 South College
Seymour, Marlbor Boardman	Hartford, Conn.	9 North College
Shattuck, Wendell Phillips	Dundee, N. Y.	29 South College
Shaw, Harold Eden	Monson, Mass.	1 South College
Sands, Louis Lorenzo	Spring Lake, Mich.	Φ Γ Δ House
Shrewsbury, Kenneth Oldham	New York, N. Y.	5 School St.
Shumway, Lowell	Brooklyn, N. Y.	14 Maple Ave.
Sicard, Hugh Charles	Brooklyn, N. Y.	5 Parsons St.
Smart, Daniel Stevenson	Cambridge, N. Y.	B South College
Smith, Walton Kimball	Milwaukee, Wis.	14 North College
Staats, Robert William	Hoboken, N. J.	2 South College
Stafford, Fred William	Rutland, Vt.	25 North College
Stahman, Arthur	Brooklyn, N. Y.	22 North College
Stearns, Douglas Clark	Norfolk, Conn.	23 North College
Strahan, John Windrum, Jr.	Newark, N. J.	15 Spring St.
Sturdivant, Frederick Arthur	Toledo, Ohio	14 Maple Ave.
Suydam, Frederick Dorflinger	Honesdale, Pa.	19 Main St.
Sweet, Stuart Louis	Denver, Colo.	15 Amity St.
Taylor, Frederick Chamberlain	South Britain, Conn.	52 South Pleasant St.
Taylor, Howard Scattergood	Columbus, N. Y.	30 South College
Thomas, Harold Edgar	Providence, R. I.	
Tierney, John James	Holyoke, Mass.	5 South College
Tramontana, George Benedict	Brooklyn, N. Y.	32 South College
Van Ingen, Richard Storrs	Brooklyn, N. Y.	22 South College
Wainwright, Roger Seaver	Lawrence, Mass.	C North College
Washburn, George Edward	Boston, Mass.	25 South College
Weil, Leo Lester s	Chicago, Ill.	14 Maple Ave.
Wemple, Frank Benjamin	Schenectady, N. Y.	9 North College
Whipple, Ralph Wheaton	West Wrentham, Mass.	15 Amity St.
Whittemore, Ernest Arthur	Worcester, Mass.	16 South College
Williams, Charles Wyatt	Corning, N. Y.	16 North College
Williams, Frederick Sherman	Homer, N. Y.	17 North College
Williams, Ralph Schuyler s	Elizabeth, N. J.	5 School St.
Wiltsie, George Harold	Cortland, N. Y.	4 No. Prospect St.
Young, Roswell Philip	Elmira, N. Y.	26 South College

Summary

FELLOWS	-	-	-	-	-	-	-	-	4
GRADUATE STUDENTS	-	-	-	-	-	-	-	-	4
SENIORS	-	-	-	-	-	-	-	-	107
JUNIORS	-	-	-	-	-	-	-	-	105
SOPHOMORES	-	-	-	-	-	-	-	-	138
FRESHMEN	-	-	-	-	-	-	-	-	144
TOTAL									502

CLASSIFICATION BY RESIDENCE

UNITED STATES

New York	-	153
Massachusetts	-	138
New Jersey	-	41
Pennsylvania	-	27
Illinois	-	23
Connecticut	-	20
Ohio	-	18
Vermont	-	10
Rhode Island	-	8
Nebraska	-	7
Oregon	-	7
Michigan	-	6
Maine	-	5
Colorado	-	4
Minnesota	-	4
Missouri	-	4
Wisconsin	-	3
Iowa	-	3
District of Columbia	-	2

New Hampshire	-	2
Utah	-	2
Washington	-	2
California	-	1
Florida	-	1
Indiana	-	1
Kansas	-	1
Maryland	-	1
Montana	-	1
Tennessee	-	1

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FOREIGN COUNTRIES

India	-	2
Japan	-	2
France	-	1
China	-	1

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Award of Honors

1909-1910

COMMENCEMENT APPOINTMENTS

Carroll Salem Daniels	William Raymond Kellogg
Walter Dillaway Draper	Roger Arthur Johnson
*Paul Adee Fancher	Robert Cornelius Murray
Weston Whitney Goodnow	Bertram Charles Schellenberg
*Talbot Faulkner Hamlin	*Eustace Joseph Seligman
Charles John Hudson	George Bingham Taylor
*Ollo Alson Kennedy	*George Frisbie Whicher
Harold Edward Woodward	

PHI BETA KAPPA

FIRST DRAWING (Class of 1910)

Paul Adee Fancher	Roger Arthur Johnson
Talbot Faulkner Hamlin	Robert Cornelius Murray
Eustace Joseph Seligman	

SECOND DRAWING (Class of 1910)

Carroll Salem Daniels	Paul Aloysius San Souci
Weston Whitney Goodnow	Bertram Charles Schellenberg
Ollo Alson Kennedy	George Frisbie Whicher
Harold Edward Woodward	

FIRST DRAWING (Class of 1911)

John Humphrey Keyes	Arthur Eugene Pattison, Jr.
George Bruner Parks	George Noyes Slayton

* Selected by competition as Commencement Speakers.

Final Honors

ASTRONOMY

Charles John Hudson
Harold Edward Woodward

CHEMISTRY

Harold Edward Woodward

ENGLISH

Talbot Faulkner Hamlin
George Frisbie Whicher

MATHEMATICS

Roger Arthur Johnson

MODERN GOVERNMENT

Ollo Alson Kennedy

PHYSICS

Charles John Hudson

SPANISH

Richard Sheldon Ould

Award of Prizes

1909-1910

HUTCHINS GREEK PRIZE—Class of 1911

George Noyes Slayton

Honorable Mention

Waldo Shumway

BERTRAM LATIN PRIZE

Talbot Faulkner Hamlin, Class of 1910

JUNIOR LATIN PRIZES—Class of 1911

First Prize: Waldo Shumway

Second Prize: George Noyes Slayton

BILLINGS LATIN PRIZES—Class of 1912

First Prize: Leland Olds

Second Prize: Van Buren Moody

FRESHMAN LATIN PRIZES

First Prize: Harold Lloyd Fraser, Class of 1912

Second Prize: Lewis Dayton Stilwell, Class of 1913

KELLOGG PRIZES

Howard Dodd Simpson, Class of 1912

Ferris Cobb Booth, Class of 1913

Amherst College

HARDY PRIZES—Class of 1910

First Prize: Clarence Francis*Second Prize:* Max Pardoe Shoop

HYDE PRIZE—Class of 1910

Clarence Francis

BOND PRIZE—Class of 1910

George Frisbie Whicher

A. C. JAMES PRIZE

Roger Arthur Johnson, Class of 1910

WALKER PRIZES

*Second Year Mathematics**First Prize:* Frederick John Heinritz, Class of 1913*Second Prize:* Leland Olds, Class of 1912*First Year Mathematics**First Prize:* Paul Francis Good, Class of 1913*Second Prize:* Raymond Witherspoon Cross, Class of 1913

PORTER ASTRONOMY PRIZE—Class of 1910

Charles John Hudson

Harold Edward Woodward

PORTER PHYSICS PRIZE—Class of 1910

Weston Whitney Goodnow

SAWYER MEDAL

Upton Prentiss Lord, Class of 1911

A. LYMAN WILLISTON PRIZES—Class of 1913

First Prize: Frederick Leslie Cadman*Second Prize:* Thomas Flint Cousins

Award of Prizes

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KENT PRIZE—Class of 1910

George Frisbie Whicher

FOLGER PRIZES—Class of 1910

First Prize: George Frisbie Whicher

Second Prize: Talbot Faulkner Hamlin

Third Prize: Paul Adeë Fancher

HAGEN PRIZE—Class of 1911

George Bruner Parks

CLASS OF 1884 PRIZE

The Senior Class (Class of 1910)

LELAND PRIZE

The Junior Class (Class of 1911)

WOODS PRIZE—Class of 1910

Charles John Hudson

CLASS OF 1884 PRIZE IN ORATORY

James Zearing Colton, Class of 1912

SHERWIN CODY PRIZE—Class of 1913

Arthur John Mealand, Jr.

ARMSTRONG PRIZES—Class of 1913

First Prize: Henry Smith Leiper

Second Prize: Louis Goldsborough Caldwell

Third Prize: Paul Francis Good

Honorable Mention

CHEMISTRY

1910	Harold Edward Woodward	1913	Frederick John Henritz
1911	Frank Rose Elder	1913	George Scatchard
1912	Maurice Jacob Levy		

ENGLISH

1910	George Frisbie Whicher	1911	George Noyes Slayton
1912	Leland Olds		

FRENCH

1911	Lewis Brigham Walker	1912	Maurice Jacob Levy
1912	Thomas Wainwright Bussòrn	1912	Charles Dawson Spalding

GERMAN

1913	Louis Goldsborough Caldwell	1913	Paul Francis Good
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GREEK

1911	Waldo Shumway	1911	George Noyes Slayton
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HISTORY

1910	Ollo Alson Kennedy
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ITALIAN

1910	George Frisbie Whicher
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LATIN

1911	Waldo Shumway	1912	Charles Dawson Spalding
1911	George Noyes Slayton	1913	Walter Weaver Moore
1912	Leland Olds		

MATHEMATICS

1910	Charles John Hudson	1913	Ralph Wells Westcott
1910	Roger Arthur Johnson	1913	Raymond Witherspoon Cross
1911	Frank Rose Elder	1913	Paul Francis Good
1911	Sherman Crary Kittle	1913	Frederick John Heinritz
1911	Arthur Eugene Pattison, Jr.	1913	John Munro Jacqueth
1912	Maurice Jacob Levy	1913	George Daniel Olds, Jr.
1912	Leland Olds	1913	Herbert Hammond Pride
1912	Harry Haines Peirce		

MODERN GOVERNMENT

1910	Olo Alson Kennedy	1910	Paul Aloysius San Souci
1910	Bertram Charles Schellenberg		

PHYSICS

1910	Harold Edward Woodward	1911	Frank Rose Elder
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SPANISH

1910	Paul Aloysius San Souci	1912	Maurice Jacob Levy
1912	Charles Dawson Spalding		

Degrees Conferred in 1910

Degrees in Course

Bachelor of Arts

Summa Cum Laude

Robert Cornelius Murray

Magna Cum Laude

Paul Adeë Fancher

Roger Arthur Johnson

Talbot Faulkner Hamlin

Ollo Alson Kennedy

Eustace Joseph Seligman

Cum Laude

Joseph Bartlett Bisbee, Jr.

William Raymond Kellogg

Rockwood Bullard

Lawrence Ledwith McClure

Carroll Salem Daniels

Richard Sheldon Ould

Walter Dillaway Draper

Paul Aloysius San Souci

Weston Whitney Goodnow

Max Pardoe Shoop

Benjamin Lawrence Harris

John Birchard Warner

Charles John Hudson

Wen Pin Wei

Alfred Decker Keator

George Frisbie Whicher

Harold Edward Woodward

Rite

Frederic Emanuel Adler

Graham Bentley Jacobus

Lindsay Cline Amos

Stewart Shurtleff Johnston

Alfred Loranus Atwood

John Howard Keim

Edward Baldwin

James Perkins Keith

Earle Alvah Barney

Raymond Holmes Kendrick

Lawrence Edgar Birdsall

Frederick Sylvester Knight

Arthur Boardman Boynton

William Rolfe Marsh

Morrison Russell Boynton

Mylon Dickinson Merchant

Joseph Dan Brownell	Clifford Warner Millar
George Brinton Burnett, Jr.	Adolphus Merigold Milloy
William Evans Clark	Edward Eri Poor, Jr.
Earl King Collins	Sterling Woodford Pratt
Harris Lorenzo Corey	Frank Dickinson Rugg
Joseph Delmonte Cornell	Benedict Hubbard Sampson
Mitchell Benjamin DeGroot	Francis Owen Sullivan
Daniel Edwin Emrie	Bert King Taggart
Edward Farrier	Jared Howell Van Auken
Ira Ellsworth Fenton	David Wade
John Scott Fink	Harold Lawson Warner
Raymond Foster Gardner	Lansing Southworth Wetmore
Bartow Harwood Hall	Raymond Parks Wheeler
Herbert Bennett Harris	John Claflin Wight
Louis Jay Heath	Frederic Edwards Williams
John Park Henry	Elbert Brinckerhoff Monroe Wort-
Harry Dewey Holden	man

Bachelor of Science

Cum Laude

Bertram Charles Schellenberg

Rite

Robert Babson Alling	William Sargent Ladd
Henry Lawrence Avery	Ernest James Lawton
Ralph Heckman Beaman	Daniel Cole McMartin
Edward Thomas Bedford, 2d	Abraham Mitchell, Jr.
Harold Sims Carter	Stuart Ten Broeck Morrison
Horace Stuart Cragin	John Porter, Jr.
Pierre Drewsen	David Kellogg Roberts
Clarence Francis	Charles Russell Sumpf
William Otis Goddard	John Frederick Swalley
Robert Huntley Hood	Kenneth Todd Tucker
Albert Riordan Jube	Joseph Thomas West
	Raymond Hastings Wiltsie

Amherst College

Lester Winfield Dann, B. A. as of the class of 1909
Clyde Bradley Marston, B. A. as of the class of 1909
Theodore Pratt, B. A. as of the class of 1909

Master of Arts

Harry Clark Barber	B. A., 1902
Alexander Cantlay Ewen,	B. A., 1903
Edgar White Burrill,	B. A., 1906
Stoddard Lane,	B. A., 1909

*Honorary Degrees***Master of Arts**

CHARLES TRUMBULL WHITE
WILLIS DELANO WOOD

Doctor of Divinity

CLARK SMITH BEARDSLEE
THOMAS CLAY WINN

Doctor of Laws

KENYON LEECH BUTTERFIELD
GEORGE PELTON LAWRENCE
GEORGE LOCKHART RIVES

Admission

ALL candidates for admission to College must present satisfactory testimonials of good moral character.

The subjects which may be presented in satisfaction of the requirements for admission to the Freshman class together with the number of points at which each is valued, are given in the following list. The basis of valuation is one point for a course pursued five hours per week for a school-year. A candidate for admission to the course leading to a degree must offer subjects amounting in all to fourteen points.

LIST OF SUBJECTS

Biology	$\frac{1}{2}$ point
Botany	$\frac{1}{2}$ point
Chemistry	1 point
English a	2 points
b	1 point
French a	2 points
b	1 point
German a	2 points
b	1 point
Greek I	2 points
II	1 point
Harmony	1 point
History a, b, c, d	1 point each
Latin I	3 points
II	1 point

Mathematics I	$2\frac{1}{2}$ points
II	$1\frac{1}{2}$ points
b, d, f	$\frac{1}{2}$ point each
Physics	1 point
Physiography	1 point
Physiology	$\frac{1}{2}$ point

A subject not included in the above list, that has been pursued so far as to be equivalent to one or two semesters of that subject in College, may be presented, on examination, as an advanced subject.

Entrance requirements correspond to courses leading to the degrees of Bachelor of Arts and Bachelor of Science, and to the Special Course that does not lead to a degree. The requirements are indicated below in groups of studies preparatory to the several courses.

REQUIREMENTS FOR BACHELOR OF ARTS COURSE

Candidates for admission to the Freshman Class in the course leading to the degree of Bachelor of Arts must present satisfactory qualifications in one of the following groups of subjects according to the specifications given under each subject.

GROUP I

Latin I, II
Greek I, II
Mathematics I
English a and b
History a

In addition at least one-half point shall be made from the list on page 43.

GROUP 2

{ Latin I, II and Greek I
or
{ Greek I, II and Latin I
Mathematics I
English a and b
History a

In addition at least one and one-half points shall be made from the list on page 43.

GROUP 3

{ Latin I, II
or
{ Greek I, II
Mathematics I
English a and b
History a

In addition, if Latin is presented, at least three and one-half points, and, if Greek is presented, four and one-half points, shall be made from the list on page 43. Two of these points shall be a modern language, and one point an advanced subject. The advanced subjects are French b, German b, and Mathematics II.

REQUIREMENTS FOR BACHELOR OF SCIENCE
COURSE

Candidates for admission to the Freshman Class in the course leading to the degree of Bachelor of Science must present satisfactory qualifications in the following subjects, according to the specifications given under each subject.

Latin I
Mathematics I
English a and b
History a or b or c or d
Chemistry or Physics
French a or German a

In addition at least one and one-half points shall be made from the list on page 43 of which one point shall be an advanced subject, Mathematics II, French b, German or Latin III.

A student who presents Latin I, II, at entrance may become a candidate for the degree of Bachelor of Arts by electing Latin for two college years.

REQUIREMENTS FOR SPECIAL COURSE

For admission to a special course not leading to a degree, every candidate must present twelve points, which shall include the following elementary subjects:—

Mathematics I
English a and b
History a or b or c or d
Chemistry or Physics

And one of the following advanced subjects:—

Mathematics II
French b
German b

And three and one-half points from the list on page 43.

No candidate will be accepted as a special student who does not present one of the advanced subjects.

CORRECTION

The requirement that one of the additional points for admission to the Bachelor of Science course shall be an advanced subject goes into effect in 1912. For 1911 the requirement is that one and one-half points shall be made from the list on page 43. Latin III should be Latin II.

Board and used in designating their examination papers.

LATIN

The College has adopted the following definitions of requirements proposed by the Commission on College Entrance Requirements in Latin and will hold the first examinations under the new plan in 1911.

I. AMOUNT AND RANGE OF READING REQUIRED

1. The Latin reading required of candidates for admission to college, without regard to the prescription of particular authors and works, shall be not less in amount than Caesar, Gallic War, I-IV; Cicero, the orations against Catiline, for the Manilian Law, and for Archias; Vergil, Aeneid, I-VI.

2. The amount of reading specified above shall be selected by the schools from the following authors and works: Caesar (Gallic War and Civil War) and Nepos (Lives); Cicero (orations, letters, and De Senectute) and Sallust (Catiline and Jugurthine War); Vergil (Bucolics, Georgics, and Aeneid) and Ovid (Metamorphoses, Fasti, and Tristia).

II. SUBJECTS AND SCOPE OF THE EXAMINATION

1. *Translation at Sight.* Candidates will be examined in translation at sight of both prose and verse. The

French a or German a

In addition at least one and one-half points shall be made from the list on page 43 of which one point shall be an advanced subject, Mathematics II, French b, German or Latin III.

A student who presents Latin I, II, at entrance may become a candidate for the degree of Bachelor of Arts by electing Latin for two college years.

REQUIREMENTS FOR SPECIAL COURSE

For admission to a special course not leading to a degree, every candidate must present twelve points, which shall include the following elementary subjects:—

Mathematics I
English a and b
History a or b or c or d
Chemistry or Physics

And one of the following advanced subjects:—

Mathematics II
French b
German b

And three and one-half points from the list on page 43.

No candidate will be accepted as a special student who does not present one of the advanced subjects.

ADMISSION SUBJECTS IN DETAIL

In the following accounts of subjects in detail, the small letters at the left represent the divisions of the subject recognized by the College Entrance Examination Board and used in designating their examination papers.

LATIN

The College has adopted the following definitions of requirements proposed by the Commission on College Entrance Requirements in Latin and will hold the first examinations under the new plan in 1911.

I. AMOUNT AND RANGE OF READING REQUIRED

1. The Latin reading required of candidates for admission to college, without regard to the prescription of particular authors and works, shall be not less in amount than Caesar, Gallic War, I-IV; Cicero, the orations against Catiline, for the Manilian Law, and for Archias; Vergil, Aeneid, I-VI.

2. The amount of reading specified above shall be selected by the schools from the following authors and works: Caesar (Gallic War and Civil War) and Nepos (Lives); Cicero (orations, letters, and De Senectute) and Sallust (Catiline and Jugurthine War); Vergil (Bucolics, Georgics, and Aeneid) and Ovid (Metamorphoses, Fasti, and Tristia).

II. SUBJECTS AND SCOPE OF THE EXAMINATION

1. *Translation at Sight.* Candidates will be examined in translation at sight of both prose and verse. The

vocabulary, constructions, and range of ideas of the passages set will be suited to the preparation secured by the reading indicated above.

2. *Prescribed Reading.* Candidates will be examined also upon the following prescribed reading: Cicero, orations for the Manilian Law and for Archias, and Vergil, Aeneid, I, II, and either IV or VI at the option of the candidate, with questions on subject-matter, literary and historical allusions, and prosody. Every paper in which passages from the prescribed reading are set for translation will contain also one or more passages for translation at sight; and candidates must deal satisfactorily with both these parts of the paper, or they will not be given credit for either part.

3. *Grammar and Composition.* The examinations in grammar and composition will demand thorough knowledge of all regular inflections, all common irregular forms, and the ordinary syntax and vocabulary of the prose authors read in school, with ability to use this knowledge in writing simple Latin prose. The words, constructions, and range of ideas called for in the examinations in composition will be such as are common in the reading of the year, or years, covered by the particular examination.

I. ELEMENTARY LATIN

(a) i Latin Grammar

ii Latin Prose Composition: Translation into Latin of English passages based on Caesar and Cicero.

(b) Caesar: *Gallic War*, Books I-IV

(c) Cicero: Orations, *Against Catiline*, *For Archias*, and *For the Manilian Law*.

II ADVANCED LATIN

(d) Vergil: *Aeneid*, Books I-VI, and so much prosody as relates to accent, versification in general, and dactylic hexameter.

(m) Translation at sight of prose of no greater difficulty than the easier portions of Cicero's Orations.

(q) Translation at sight of poetry of no greater difficulty than Vergil's *Aeneid*.

In accordance with the new regulations of the College Entrance Examination Board, (Document No. 46, August 31, 1910) the subject may be divided as follows:

(New requirements)

NR 1. Grammar.

NR 2. Elementary Prose Composition.

NR 3. Second Year Latin.

NR 4. Cicero (*Manilian Law* and *Archias*) and Sight Translation of Prose.

NR 5. Virgil (*Aeneid*, I, II, and IV or VI) and Sight Translation of Poetry.

GREEK

I ELEMENTARY GREEK

(a) i Greek Grammar

ii Greek Composition. Translation into Greek of short sentences illustrating common principles of syntax.

The examination in grammar and prose composition will be based on the first two books of Xenophon's *Anabasis*.

(b) Xenophon's *Anabasis*, Books I-IV.

II ADVANCED GREEK

(ch) Homer's *Iliad*, Books, I-III (omitting Book II 494-end.) and the Homeric forms, constructions, idioms and prosody. Translation of passages of Homer at sight.

(f) Prose composition, consisting of continuous prose based on Xenophon and other Attic prose of similar difficulty.

MATHEMATICS

I ELEMENTARY MATHEMATICS

(a) Elementary Algebra.

The four fundamental operations for rational algebraic expressions. Factoring, determination of highest common factor and lowest common multiple by factoring.

Fractions, including complex fractions, and ratio and proportion.

Linear equations, both numerical and literal, containing one or more unknown quantities.

Problems depending on linear equations.

Radicals, including the extraction of the square root of polynomials and of numbers.

Exponents, including the fractional and the negative.

Quadratic equations, both numerical and literal.

Simple cases of equations with one or more unknown quantities, that can be solved by the methods of linear or quadratic equations.

Problems depending on quadratic equations.

The binomial theorem for positive integral exponents.

The formulas for the n th term and the sum of the terms of arithmetical and geometric progressions, with applications.

It is assumed that pupils will be required throughout the course to solve numerous problems which involve putting questions into equations. Some of these problems should be chosen from mensuration, from physics, and from commercial life. The use of graphical methods and illustrations, particularly in connection with the solution of equations, is also expected.

(c) Plane Geometry.

The usual theorems and constructions of good textbooks, including the general properties of plane rectilinear figures; the circle and the measurement of angles; similar polygons; areas; regular polygons and the measurement of the circle.

The solution of numerous original exercises, including loci problems.

Applications to the mensuration of lines and plane surfaces.

II. ADVANCED MATHEMATICS

(b) Advanced Algebra.

Permutations and combinations, limited to simple cases.

Complex numbers, with graphical representation of sums and differences.

Determinants, chiefly of the second, third, and fourth orders, including the use of minors and the solution of linear equations.

Numerical equations of higher degree, and so much of the theory of equations, with graphical methods, as is necessary for their treatment, including Descartes's rule of signs and Horner's methods, but not Sturm's functions or multiple roots.

(d) Solid Geometry.

The usual theorems and constructions of good textbooks, including the relations of planes and lines in space; the properties and measurement of prisms, pyramids, cylinders, and cones; the sphere and the spherical triangle.

The solution of numerous original exercises, including loci problems.

Applications to the mensuration of surface and solids.

(f) Plane Trigonometry.

Definitions and relations of the six trigonometric functions as ratios; circular measurement of angles.

Proofs of principal formulas, in particular for the sine, cosine, and tangent of the sum and of the difference of two angles, of the double angle and the half angle, the product expressions for the sum or the difference of two sines or of two cosines, etc., the transformation of trigonometric expressions by means of these formulas.

Solutions of trigonometric equations of a simple character.

Theory and use of logarithms (without the introduction of work involving infinite series).

In elementary algebra and plane geometry no certificate will be accepted for work that has not been pursued or reviewed within the two years preceding the date of the student's admission to college. No certificate will be accepted for work in solid geometry, advanced algebra, or plane trigonometry. In this statement the word certificate refers to a certificate given by a preparatory school and not to a certificate of examination by a Board.

ENGLISH

Preparation in English has two main objects: (1) com-

mand of correct and clear English, spoken and written; (2) ability to read with accuracy, intelligence, and appreciation.

ENGLISH GRAMMAR AND COMPOSITION

The first object requires instruction in grammar and composition. English grammar should ordinarily be reviewed in the secondary school; and correct spelling and grammatical accuracy should be rigorously exacted in connection with all written work during the four years. The principles of English composition governing punctuation, the use of words, paragraphs, and the different kinds of whole composition, including letter-writing, should be thoroughly mastered; and practice in composition, oral as well as written, should extend throughout the secondary school period. Written exercises may well comprise narration, description, and easy exposition and argument based upon simple outlines. It is advisable that subjects for this work be taken from the student's personal experience, general knowledge, and studies other than English, as well as from his reading in literature. Finally, special instruction in language and composition should be accompanied by concerted effort of teachers in all branches to cultivate in the student the habit of using good English in his recitations and various exercises, whether oral or written.

LITERATURE

The second object is sought by means of two lists of books, headed respectively *Reading* and *Study*, from which may be framed a progressive course in literature covering four years. In connection with both lists, the student

should be trained in reading aloud and encouraged to commit to memory some of the more notable passages both in verse and in prose. As an aid to literary appreciation, he is further advised to acquaint himself with the most important facts in the lives of the authors whose works he reads and with their place in literary history.

(a) READING.—The aim of this course is to foster in the student the habit of intelligent reading and to develop a taste for good literature, by giving him a first-hand knowledge of some of its best specimens. He should read the books carefully, but his attention should not be so fixed upon details that he fails to appreciate the main purpose and charm of what he reads.

For students entering in 1911:—*

Shakespeare's *The Merchant of Venice* and *Julius Caesar*; Bunyan's *The Pilgrim's Progress* (Part I); *The Sir Roger de Coverly Papers* in the *Spectator*; Scott's *The Lady of the Lake* and *Ivanhoe*; Irving's *Sketch Book*; Macaulay's *Lays of Ancient Rome*; Tennyson's *Gareth and Lynette*, *Lancelot and Elaine*, and *The Passing of Arthur*; George Eliot's *Silas Marner*.

For students entering in 1912:—*

Shakespeare's *As You Like It* and *Julius Caesar*; Franklin's *Autobiography*; Goldsmith's *The Deserted Village*;

* The lists for the classes entering in 1911 and 1912 are selected from the lists adopted by the Conference on Uniform Entrance Requirements in English at meetings held in New York City on February 22, 1905, and February 22, 1908. Candidates may present other selections from those lists provided they notify the Registrar, on or before the first day of February preceding the examination, of the substitutions they wish to make.

Dickens' *A Tale of Two Cities*; George Eliot's *Silas Marner*; Irving's *Sketch Book*; Scott's *The Lady of the Lake*; Byron's *Mazeppa* and *The Prisoner of Chillon*; Macaulay's *Lays of Ancient Rome*.

For students entering in 1913, 1914, 1915:—

With a view to large freedom of choice, the books provided for reading are arranged in the following groups, from which at least ten units are to be selected, two from each group. Each unit is set off by semicolons.

I. The *Old Testament*, comprising at least the chief narrative episodes in Genesis, Exodus, Joshua, Judges, Samuel, Kings, and Daniel, together with the books of Ruth and Esther; the *Odyssey*, with the omission, if desired, of Books I, II, III, IV, V, XV, XVI, XVII; the *Iliad*, with the omission, if desired, of Books XI, XIII, XIV, XV, XVII, XXI; Vergil's *Aeneid*. The *Odyssey*, *Iliad* and *Aeneid* should be read in English translations of recognized literary excellence.

For any unit of this group a unit from any other group may be substituted.

II. Shakespeare's *Merchant of Venice*; *Midsummer Night's Dream*; *As You Like It*; *Twelfth Night*; *Henry the Fifth*; *Julius Caesar*.

III. Defoe's *Robinson Crusoe*, Part I; Goldsmith's *Vicar of Wakefield*; either Scott's *Ivanhoe* or Scott's *Quentin Durward*; Hawthorne's *House of the Seven Gables*; either Dickens's *David Copperfield* or Dickens's *Tale of Two Cities*; Thackeray's *Henry Esmond*; Mrs. Gaskell's *Cranford*; George Eliot's *Silas Marner*; Stevenson's *Treasure Island*.

IV. Bunyan's *Pilgrim's Progress*, Part I; *The Sir Roger de Coverly Papers* in the *Spectator*; Franklin's *Auto-*

biography (condensed); Irving's *Sketch Book*, Macaulay's *Essays on Lord Clive* and *Warren Hastings*, Thackeray's *English Humourists*; *Selections* from Lincoln, including at least the two Inaugurals, the Speeches in Independence Hall and at Gettysburg, the Last Public Address, and the Letter to Horace Greeley, along with a brief memoir or estimate; Parkman's *Oregon Trail*; either Thoreau's *Walden*; or Huxley's *Autobiography* and selections from *Lay Sermons*, including the addresses on Improving Natural Knowledge, A Liberal Education, and A Piece of Chalk; Stevenson's *Inland Voyage* and *Travels with a Donkey*.

V. Palgrave's *Golden Treasury (First Series)*, Books II and III, with especial attention to Dryden, Collins, Gray, Cowper, and Burns; Gray's *Elegy in a Country Churchyard* and Goldsmith's *Deserted Village*; Coleridge's *Ancient Mariner* and Lowell's *Vision of Sir Launfal*; Scott's *Lady of the Lake*; Byron's *Childe Harold, Canto IV*, and *Prisoner of Chillon*; Palgrave's *Golden Treasury (First Series)*, Book IV, with especial attention to Wordsworth, Keats, and Shelley; Poe's *Raven*, Longfellow's *Courtship of Miles Standish*, and Whittier's *Snow Bound*; Macaulay's *Lays of Ancient Rome* and Arnold's *Sohrab and Rustum*; Tennyson's *Gareth and Lynette*, *Lancelot and Elaine*, and *The Passing of Arthur*; Browning's *Cavalier Tunes*, *The Lost Leader*, *How They Brought the Good News from Ghent to Aix*, *Home Thoughts from Abroad*, *Home Thoughts from the Sea*, *Incident of the French Camp*, *Hervé Riel*, *Pheidippides*, *My Last Duchess*, *Up at a Villa—Down in the City*.

(b) STUDY.—This part of the requirement is intended as a natural and logical continuation of the student's earlier reading, with greater stress laid upon content, form, and style.

For students entering in 1911:—

Shakespeare's *Macbeth*; Milton's *Lycidas*, *Comus*, *L'Allegro*, and *Il Penseroso*; Macaulay's *Life of Johnson*, or Carlyle's *Essay on Burns*.

For students entering in 1912:—

Shakespeare's *Macbeth*; Milton's *Comus*, *L'Allegro*, and *Il Penseroso*, or Tennyson's *Gareth and Lynette*, *Lancelot and Elaine*, and *The Passing of Arthur*; Macaulay's *Life of Johnson*, or Carlyle's *Essay on Burns*.

For students entering in 1913, 1914, 1915:—

Shakespeare's *Macbeth*; Milton's *L'Allegro*, *Il Penseroso*, and *Comus*; Washington's *Farewell Address* and Webster's *First Bunker Hill Oration*; Macaulay's *Life of Johnson*, or Carlyle's *Essay on Burns*.

EXAMINATION

However accurate in subject-matter, no paper will be considered satisfactory if seriously defective in punctuation, spelling, or other essentials of good usage.

The examination will be divided into two parts, one of which may be taken as a preliminary, and the other as a final.

The first part of the examination will be upon ten units chosen, in accordance with the plan described earlier, from the lists headed *Reading*; and it may include also questions upon grammar and the simpler principles of rhetoric, and a short composition upon some topic drawn from the student's general knowledge or experience. On the books prescribed for reading, the form of the examination will usually be the writing of short paragraphs on several topics which the candidate may choose out of a considerable number. These topics will involve such knowl-

edge and appreciation of plot, character-development, and other qualities of style and treatment as may be fairly expected of preparatory school students. In grammar and rhetoric the candidate may be asked specific questions upon the practical essentials of these studies, such as the relation of the various parts of a sentence to one another, the construction of individual words in a sentence of reasonable difficulty, and those good usages of modern English which one should know in distinction from current errors.

The second part of the examination will include composition and those books comprised in the list headed *Study*. The test in composition will consist of one or more essays, developing a theme through several paragraphs; the subjects will be drawn from the books prescribed for *Study*, from the candidate's other studies, and from his personal knowledge and experiences quite apart from his reading. For this purpose the examiner will provide several subjects, perhaps five or six, from which the candidate may make his own selections. The test on the books prescribed for study will consist of questions upon their content, form, and structure, and upon the meaning of important words, phrases, and allusions. It is not designed, however, to require in preparation minute drill in difficulties of interpretation, unimportant allusions, or technical details. General questions may also be asked concerning the lives of the authors, their other works, and the periods of literary history to which they belong.

FRENCH

The admission requirements in elementary and advanced French are those recommended by the Modern Language

Association of America. See page 102 for college courses which correspond to the work prescribed for preparation.

a. ELEMENTARY FRENCH

The first year's work should comprise: (1) careful drill in pronunciation; (2) the rudiments of grammar, including the inflection of the regular and the more common irregular verbs, the plural of nouns, the inflection of adjectives, participles, and pronouns; the use of personal pronouns, common adverbs, prepositions, and conjunctions; order of words in the sentence, and elementary rules of syntax; (3) abundant easy exercises, designed not only to fix in memory the forms and principles of grammar, but also to cultivate readiness in reproducing natural forms of expression; (4) the reading of 100 to 175 duodecimo pages of graduated texts, with constant practice in translating into French easy variations of the sentences read (the teacher giving the English) and in reproducing from memory sentences previously read; (5) writing French from dictation.

The second year's work should comprise: (1) the reading of 250 to 400 pages of easy modern prose in the form of stories, plays, or historical or biographic sketches; (2) constant practice, as in the previous year, in translating into French easy variations upon the texts read; (3) frequent abstracts, sometimes oral and sometimes written, of portions of the text already read; (4) writing French from dictation; (5) continued drill upon the rudiments of grammar, with constant application in the construction of sentences; (6) mastery of the forms and use of pronouns, pronominal adjectives, of all but the rare ir-

regular verb forms, and of the simpler uses of the conditional and subjunctive.

Suitable texts for the second year are: About, *Le Roi des Montagnes*; Bruno, *Le Tour de la France*; Daudet's easier short tales; Bedollière, *La Mère Michel et son Chat*; Erckmann-Chatrian's stories; Foa, *Contes Biographiques* and *Le petit Robinson de Paris*; Foncin, *Le Pays de France*; Labiche and Martin, *La Poudre aux Yeux* and *Le Voyage de M. Perrichon*; Legouvé and Labiche, *La Cigale chez les Fourmis*; Malot, *Sans Famille*; Mairét, *La Tâche du petit Pierre*; Mérimée, *Colomba*; extracts from Michelet; Sarcey, *Le Siège de Paris*; Verne's stories.

b. ADVANCED FRENCH

The work should comprise the reading of 400 to 600 pages of French of ordinary difficulty, a portion to be in the dramatic form; constant practice in giving French paraphrases, abstracts, or reproductions from memory of selected portions of the matter read; the study of a grammar of moderate completeness; writing from dictation.

Suitable texts are: About's stories; Augier and Sandeau, *Le Gendre de M. Poirier*; Béranger's poems; Corneille, *Le Cid* and *Horace*; Coppée's poems; Daudet, *La Belle-Nivernaise*; La Brète, *Mon Oncle et mon Curé*; Madame de Sévigné's letters; Hugo, *Hernani* and *La Chute*; Labiche's plays; Loti, *Pêcheur d'Islande*; Mignet's historical writings; Molière, *L'Avare* and *Le Bourgeois Gentilhomme*; Racine, *Athalie*, *Andromaque*, and *Esther*; George Sand's plays and stories; Sandeau, *Mademoiselle de la Seiglière*; Scribe's plays; Thierry, *Récits des Temps Mérovingiens*; Thiers, *L'Expédition de Bonaparte en Egypte*; Vigny, *La Canne de Jonc*; Voltaire's historical writings.

GERMAN

The admission requirements in elementary and advanced German are those recommended by the Modern Language Association of America.

See page 90 for college courses which correspond to the work prescribed for preparation.

a. ELEMENTARY GERMAN

The first year's work should comprise: (1) careful drill in pronunciation; (2) memorizing and frequent repetition of easy colloquial sentences; (3) drill in the rudiments of grammar, that is, in the inflection of the articles, of such nouns as belong to the language of everyday life, of adjectives, pronouns, weak verbs, and the more usual strong verbs; also in the use of the more common prepositions, the simpler uses of the modal auxiliaries, and the elementary rules of syntax and word order; (4) abundant easy exercises designed not only to fix in mind the form and principles of grammar, but also to cultivate readiness in reproducing natural forms of expression; (5) the reading of 75 to 100 pages of graduated texts from a reader, with constant practice in translating into German easy variations upon sentences selected from the reading lesson (the teacher giving the English), and in reproducing from memory sentences previously read.

The second year's work should comprise: (1) the reading of 150 to 200 pages of literature in the form of easy stories and plays; (2) accompanying practice, as before, in translating into German easy variations upon the matter read, also in the off-hand reproduction, sometimes orally and sometimes in writing, of the substance of short

and easy selected passages; (3) continued drill in the rudiments of grammar, to enable the pupil, first, to use his knowledge with facility in forming sentences, and secondly, to state his knowledge correctly in the technical language of grammar.

Stories suitable for the elementary course can be selected from the following list: Andersen, *Märchen* and *Bilderbuch ohne Bilder*; Arnold, *Fritz auf Ferien*; Baumbach, *Die Nonna* and *Der Schwiegersohn*; Gerstäcker, *Germelshausen*; Heyse, *L'Arrabbiata*, *Das Mädchen von Treppi*, and *Anfang und Ende*; Hillern, *Höher als die Kirche*; Jensen, *Die braune Erica*; Leander, *Träumereien* and *Kleine Geschichten*; Seidel, *Märchen*, Stokl, *Unter dem Christbaum*; Storm, *Immensee* and *Geschichten aus der Tonne*; Zschokke, *Der zerbrochene Krug*.

The best shorter plays available are: Benedix, *Der Prozess*, *Der Weiberfeind*, and *Günstige Vorzeichen*; Elz, *Er ist nicht eifersüchtig*; Wichert, *An der Majorsecke*; Wilhelm, *Einer muss heiraten*. Only one of these plays need be read, and the narrative style should predominate. A good selection of reading matter for the second year would be Andersen, *Märchen*, or *Bilderbuch*, or Leander, *Träumereien*, to the extent of about forty pages. Afterward, such a story as *Das kalte Herz*, or *Der zerbrochene Krug*; then *Höher als die Kirche*, or *Immensee*; next a good story by Heyse, Baumbach, or Seidel; lastly *Der Prozess*.

b. ADVANCED GERMAN

The work should comprise in addition to the elementary course, the reading of about 400 pages of moderately difficult prose and poetry, with constant practice in giving,

sometimes orally and sometimes in writing, paraphrases, abstracts, or reproductions from memory of selected portions of the matter read; also grammatical drill in the less usual strong verbs, the use of articles, cases, auxiliaries of all kinds, tenses and modes (with especial reference to the infinitive and subjective), and likewise in word order and word formation.

Suitable reading matter for the third year can be selected from such works as the following: Ebner-Eschenbach, *Die Freiherren von Gemperlein*; Freytag, *Die Journalisten* and *Bilder aus der deutschen Vergangenheit*, for example, *Karl der Grosse*, *Aus den Kreuzzügen*, *Doktor Luther*, *Aus dem Staat Friedrichs des Grossen*; Fouqué, *Undine*; Gerstäcker, *Irrfahrten*; Goethe, *Hermann und Dorothea* and *Iphigenie*; Heine's poems and *Reisebilder*; Hoffman, *Historische Erzählungen*; Lessing, *Minna von Barnhelm*; Meyer, *Gustav Adolfs Page*; Moser, *Der Bibliothekar*; Riehl, *Novellen*, for example, *Burg Neideck*, *Der Fluch der Schönheit*, *Der stumme Ratsherr*, *Das Spielmannskind*; Rosegger, *Waldheimat*; Schiller, *Der Neffe als Onkel*, *Der Geisterseher*, *Wilhelm Tell*, *Die Jungfrau von Orleans*, *Das Lied von der Glocke*, *Balladen*; Scheffel, *Der Trompeter von Säckingen*; Uhland's poems; Wildenbruch, *Das edle Blut*. A good selection would be: (1) one of Riehl's novelettes; (2) one of Freytag's "pictures"; (3) part of *Undine* or *Der Geisterseher*; (4) a short course of reading in lyrics and ballads; (5) a classical play by Schiller, Lessing, or Goethe.

HISTORY

(Including Historical Geography)

(a) Ancient History, including the history of Greece to

the death of Alexander and the history of Rome to 814 A. D.

(b) Mediæval and Modern History, from 814 to the present time.

(c) English History.

(d) American History.

PHYSICS

A course extending through one year, involving both class exercises and laboratory work. The class work should include careful study of the whole subject as presented in some good text-book of high school grade. The candidate should perform not less than thirty-five experiments requiring careful measurements. When the candidate takes the examination, his note-book containing the original records of these experiments and his reports on the work should be presented, properly certified by the instructor.

CHEMISTRY

The examination will include illustrations from any of the following topics in non-metallic chemistry.

Properties of the principal acid-forming elements and their compounds; simple problems on relations by weight; relations between gas-volumes and the weights of chemically related solids; acids, bases, and salts; formation of acids and bases from their salts; valence; series of oxy-acids and their salts; oxidation and reduction; acid anhydrides; hydrated and poly-acids.

PHYSIOGRAPHY

Dryer's *Physical Geography* or Davis's *Elementary Physical Geography*, with laboratory work and excursions for

observations of land features. Note-book and laboratory records endorsed by the teacher must be submitted at the time of taking the examination.

PHYSIOLOGY

The candidate should complete a course of recitation and laboratory work of not less than forty hours, including the study of the structure of the principal organs of the human body, and especially their working. The emphasis should be placed on function. An elementary knowledge of personal hygiene as the practical application of this science is required.

The following text-books are recommended: Hough and Sedgwick's *The Human Mechanism*, Martin's *The Human Body* (elementary course), Fitts' *Physiology and Hygiene*, Eddy's *Text Book in General Physiology and Anatomy*.

BIOLOGY

The candidate should complete a course of recitations and laboratory exercises occupying five hours a week, through not less than a half year; the course to include an outline of the animal kingdom, together with the classification, habits, and economic importance of the animals in the various divisions. The laboratory drawing and note-book, properly certified, should be presented at the examination. The New York State Regents' recommendation for Elementary Zoology in their Syllabus for Secondary Schools is the standard.

BOTANY

The candidate should complete a course of recitation

and laboratory work of not less than five hours a week for one half of a school year. The class work should cover the structure and important physiological processes of flowering plants. The candidate should present at the time of taking the examination a laboratory book properly certified by the instructor. No credit will be given for an herbarium. The following text-books are recommended: Bergen's *Foundations of Botany*, Coulter's *Plant Relations* and *Plant Structures*, Leavitt's *Outlines of Botany*, Stevens's *Introduction to Botany*.

HARMONY

The candidate should acquire: (1) the ability to harmonize in four vocal parts simple melodies of not fewer than eight measures, in soprano or in bass. The harmonization of such melodies requires a knowledge of triads and inversions, of diatonic seventh chords and their inversions, in major and minor modes, and of modulation, transient or complete, to nearly related keys. (2) A knowledge of analysis of ninth chords, of all non-harmonic tones, and of altered chords.

Systematic ear-training (as to interval, melody, and chord) is urgently recommended as part of the preparation for this examination. A full knowledge of the rudiments of music, scales, intervals, and staff notation, is expected.

EXAMINATIONS FOR ADMISSION

Examinations are held twice each year, in June and in September, the June examinations being those given by the College Entrance Examination Board. On recom-

mendation by the Principal of their school, candidates are allowed to take examinations in any of the subjects required for admission.

PRELIMINARY EXAMINATIONS

The candidate may, at his option, take his examinations in two parts, preliminary and final, thus dividing his subjects between two years. The preliminary examination will cover the whole of each subject designated by a small letter; for example Mathematics a, Latin c, which may not be divided between the preliminary and final examination. Credits given for preliminary examinations are valid for fifteen months only. Candidates are advised to reserve for their final examinations the following subjects: Homer, Vergil, Greek and Latin prose composition, Algebra or Geometry, and English b.

EXAMINATIONS IN JUNE

The entrance examinations in June are those of the College Entrance Examination Board, in which Amherst College holds membership. All applications for such examinations must be made to the Secretary of the College Entrance Examination Board, Post Office Sub-Station 84, New York, N. Y., from whom all information regarding the examinations may be obtained. These examinations are conducted annually at many places in the United States and Canada, including Amherst.

In 1911, the entrance examinations of the College Entrance Examination Board will be held June 19-24.

All applications for examinations must be addressed to the Secretary of the College Entrance Examination Board, Post Office Sub-

Station 84, New York, N. Y., and must be made upon a blank form to be obtained from the Secretary of the Board upon application.

Applications for examination at points in the United States east of the Mississippi River, also at Minneapolis, St. Louis, and other points on the Mississippi River, must be received by the Secretary of the Board at least two weeks in advance of the examinations, that is, on or before Monday, June 5, 1911; applications for examination elsewhere in the United States or in Canada must be received at least three weeks in advance of the examination, that is, on or before Monday, May 29, 1911; and applications for examination outside of the United States and Canada must be received at least five weeks in advance of the examinations, that is, on or before Monday, May 15, 1911.

Applications received later than the dates named will be accepted when it is possible to arrange for the admission of the candidates concerned, but only upon the payment of \$5.00 in addition to the usual fee.

The examination fee is \$5.00 for all candidates examined at points in the United States and Canada and \$15.00 for all candidates examined outside of the United States and Canada. The fee (which cannot be accepted in advance of the application) should be remitted by postal order, express order, or draft on New York to the order of the College Entrance Examination Board.

A list of the places at which examinations are to be held by the Board in June, 1911, will be published about March 1. Requests that the examinations be held at particular points, to receive proper consideration, should be transmitted to the Secretary of the Board not later than February 1.

The marks given by the Board to the papers of the candidate will be accepted by Amherst College upon the same terms as the results of the examinations held by the college in September.

Examination papers are not sent out from the College to preparatory schools.

EXAMINATIONS IN SEPTEMBER

The September examinations are given only by the

College, at Amherst. These examinations are held in Room 5, Walker Hall, on Friday, Saturday, Monday, Tuesday, and Wednesday, September 15-20, 1911.

For the examinations in September a fee of five dollars is charged, payable to the Treasurer of the College at the time of registration. Credit will be given for this amount on the first term-bill, due at the beginning of the student's first semester in college.

The order of examinations in September is as follows:

FRIDAY

9 A.M.	Registration	1:30 P.M.	Greek I
10 A.M.	Biology		Chemistry
	Physiology	3:30 P.M.	Greek II
	Botany		Physics
	Harmony		
	Physiography		

SATURDAY

8 A.M.	French a	1:30 P.M.	French b
10 A.M.	German a	3:30 P.M.	German b

MONDAY

8 A.M.	Mathematics c	1:30 P.M.	English a
	Mathematics d		English b
10 A.M.	Mathematics f		

TUESDAY

8 A.M.	Mathematics a	1:30 P.M.	Latin I
	Mathematics b	3:30 P.M.	Latin II

WEDNESDAY

8 A.M.	History a
	History b
	History c
	History d

For Porter Admission Prize see page 142

Candidates are also admitted upon presentation of recificates from preparatory schools or certificates of examination by an Examination Board.

ADMISSION BY CERTIFICATE

From certain preparatory schools of approved standing, certificates of fitness to enter College are received in place of entrance examinations; but such certificates must be filled out in detail in accordance with forms printed by the College and furnished to principals of such schools upon application to the Registrar.

In order to meet the full requirements in these subjects, certificates in Greek and Latin must specify that the candidate has pursued a systematic course of study, not less than five hours a week, during three school years for Greek and four for Latin. In elementary algebra and plane geometry no certificate will be accepted for work that has not been pursued or reviewed within the two years preceding the date of the student's admission to College. No certificate will be accepted for work in solid geometry, advanced algebra, and plane trigonometry. No certificate will be accepted for work in French and German, or in advanced Mathematics. In general the amount of work required in each subject is indicated in the detailed description already given under subjects for examinations.

Certificates will be received from those schools in New England which have been approved by the New England College Entrance Certificate Board. Principals of schools in New England who desire the certificate privilege should address the Secretary of the Board, Professor Nathaniel F. Davis, 159 Brown Street, Providence, Rhode Island.

Certificates are received from those schools outside of

New England which have been approved by this college. In determining the eligibility of these schools to the certificate privilege the College follows in general the method of the New England Board. From schools which for four consecutive years have sent no students to this college the certificate privilege is withdrawn unless exception is made by the Faculty.

ADMISSION BY CERTIFICATE OF EXAMINATIONS

The pass-cards, certificates, and diplomas given by the Regents of the University of the State of New York are accepted in place of entrance examinations in subjects which they cover. It is to be noted, however, that in Mathematics such certificates are accepted only so far as they cover the requirements of Amherst College, stated on page 50.

Certificates of the New York State Examination Board are accepted.

CONDITIONS

A candidate may be admitted even if he has some deficiencies in the studies required; but no student is allowed to remain in College over two years with an entrance condition. The precise number of deficiencies allowed is not specified, but each case is considered on its merits.

ADMISSION TO ADVANCED STANDING

No student is admitted to advanced standing later than the beginning of Senior year.

Candidates for advanced standing are examined in the studies that have been pursued by the class they wish to enter; also in the requirements for admission to College.

A student from another college should present a letter of honorable dismissal, together with a detailed, certified statement of the work done by him in each department of study at the college from which he comes. Credit is given for all such work, if certified by a college of acknowledged standing. For the particular books in Greek, Latin or modern languages studied by each class, and indicated in this catalogue, equivalent amounts may be offered from other books in the same language; but prose will not be accepted for poetry. For special examinations for advanced standing a fee of three dollars is charged in each subject.

Courses of Instruction

ALL courses are assigned three hours each week, except Mathematics 1 and 2 and Greek A, which are four-hour courses, and Chemistry 3, 4, 5, 6, which are six-hour laboratory courses. In the numbering of the courses an odd numeral denotes the first semester, an even numeral the second semester.

Every student is required to take five courses in each semester of Freshman, Sophomore, and Junior years. During Senior year ten semester courses must be taken, one of which may be Debates, and at least four of the ten courses shall be completed in the last semester. No student is allowed to take more than six courses in a semester. For courses open to the several classes, see page 79.

Credits for subjects previously taken may not be used to reduce the number of courses required in any semester, nor as substitutes for delinquencies subsequently incurred.

STUDIES OF FRESHMAN YEAR

In Freshman year all students are required to take mathematics and English both semesters, hygiene one semester, and declamation one semester.

Those who present for admission both Latin and Greek are required to study those languages the first year, unless they have presented, in addition to Latin and Greek, a modern language, elementary and advanced, in which case they may elect a modern language the first year instead of one of the ancient languages. In either case they

must choose in addition one study from the list of Freshman electives, as directed by the plan on page 76.

Those who present for admission only one ancient language, Latin I and II or Greek I and II, are required to study that language the first year and also a modern language, together with one other study from the list of Freshman electives, as directed by the plan on page 76.

Candidates for the degree of B. S. who are not credited with Latin II or Greek II are required to take two modern languages, one of which must be German, and in addition one other study from the list of Freshman electives, as directed by the plan on page 76; but those who have presented both Latin I and II may become candidates for the degree of B. A. by taking the Latin of Freshman and Sophomore years, which may be chosen in place of one of the two modern languages otherwise required.

The Latin of Freshman year may be taken only by those students who have completed both Latin I and II, unless the Latin Department gives its approval to the election of Latin A and Latin I as parallel courses.

Freshmen who have credits in required studies may elect in place of them courses offered to the Sophomore class.

FRESHMAN ELECTIVES

Biology 1-2	Chemistry 1-2
French 1-2, 3-4, 5-6	German 1-2, 3-4, 5-6
Greek A	Greek B
Italian 1-2	Latin A
Mathematics 11-12, or 14	Spanish 1-2

Those who have Freshman Greek may choose Greek 2 or 4 the second semester.

STUDIES OF SOPHOMORE, JUNIOR AND SENIOR YEARS

After Freshman year all courses are chosen in accordance with the plan printed on page 76, except that declamation in Sophomore year is required. Choices are made for the year and may be changed only by permission of the Administration Committee. No change of elective will be allowed later than the fourth week of the first semester.

Choice of electives for the following year must be made on or before the second Saturday in June. When choices are not made by the specified time, a fee is imposed, two dollars for the first day and fifty cents for each subsequent day's delay during the regular college session. When a change of electives is made a fee of two dollars is imposed which must be paid when the petition is filed.

These requirements, so far as they prescribe year courses and the plan of electives on page 76 do not apply to the class of 1912.

RULES FOR ELECTING STUDIES

Elections are to be made in accordance with the plan printed below. On account of the prescribed studies in Sophomore year and the requirements of three majors and one minor during the course, a careful study should be made of the requirements printed on pages 77-78. Attention is particularly directed to the requirement that one or two courses of the Freshman year shall be pursued as majors during the Sophomore and Junior years.

The card of elections must be approved and signed by a member of the Instruction committee before it is handed in.

B. A.

B. S.

FRESHMAN YEAR

Group I	Groups II and III	
1. Mathematics	Mathematics	Mathematics
2. English	English	English
3. Latin	Ancient Language	German
4. Greek	Modern Language or	Romance Language
5. Biology or Chemistry	Greek B	
	{	Biology, Chemistry
		or Latin A†
		French, German, or
		Greek A*

SOPHOMORE YEAR

1. Ancient Language	1. Modern Language
2. Modern Language	2. Physics
3, 4. Two Subjects from	3. English
English, History	4. History or Group A
and Group A†	5. Elective
5. Elective	

JUNIOR YEAR

1. Major 1§
2. Major 2
3. Major 3
4. Group B||
5. Elective

*Students who enter under Groups II and III and elect a modern language or Greek A as their fifth course in Freshman year are required to elect one year of Biology, Chemistry, or Physics in Sophomore year.

† By taking Latin A a student does not qualify himself for the B.A. degree.

‡ Group A includes Biology, Chemistry, Physics, Mathematics.

§ For definition of Major and Minor see page following.

|| Group B includes Group A, Geology, Philosophy, and Economics.

SENIOR YEAR

1. Major 2 (or Elective in case Major 2 has been completed at the end of Junior year)
2. Major 3
3. Minor
4. Elective
5. Elective

A major is a subject studied six semester courses; a minor a subject studied four semester courses. Each student is required to complete three majors and one minor during the course. At the end of Freshman year each student must indicate among his Freshman subjects 1 or 2 majors which he will pursue through Junior year. At the end of Sophomore year he must indicate 2 or 1 majors which he will pursue through Senior year. These may be (1) subjects which he has already studied in Sophomore year, or (2) subjects in which it is possible for him to elect parallel courses in either Junior or Senior year. At the end of Junior year he must indicate among his Junior subjects one minor which he will pursue through Senior year. Parallel courses in Junior year do not constitute a Minor.

REGULATIONS

I

Candidates for the degree of B. A. must complete one year of Biology, Chemistry, or Physics, as indicated in the plan on page 76.

II

Candidates for the degree of B. S. must complete second year German, second year French, Italian, or Spanish, Sophomore English, Physics 1, 2 in Sophomore year, and ten courses which are to be chosen from Sciences, Mathematics, or Economics, though not more than two courses in Economics may be so reckoned among the ten courses. Sciences taken in Freshman year are included in the ten courses, but the Freshman courses in Mathematics are not so included.

III

No course of less than a year in any subject may be counted toward a degree, except as provided by correlation of subjects in VI, VII, and VIII.

IV

Not more than two courses may be taken simultaneously in one subject to count toward a degree.

V

No student may elect more than eight semester courses in any subject unless he is permitted to do so by the department and the Instruction Committee. In reckoning these eight courses in the English department the courses of Freshman and Sophomore years are not included.

VI

Modern Government 2 preceded by Economics 1 or Public Speaking 5 in the first semester of Junior year may be counted as a year course, which with Modern Government 3, 4 may constitute a minor.

VII

Art 1 with Art 2 or any second semester Greek course, or Art 2 with any first semester Italian course, may constitute a year course.

VIII

Astronomy 2 preceded by Physics 3 or 5, or Mathematics 3 or 5, in the first semester of Junior year, may be counted as a year course, which with Astronomy 3, 4 may constitute a minor.

IX

Early in his college course the student should note the prerequisites of the various departments, and especially of the scientific courses, in order that he may not be prevented from making the elections which he desires.

LIST OF ELECTIVES

Sophomores and Juniors elect five courses each semester. In the Senior year ten courses are required, at least four of which shall be completed in the second semester.

	Sophomore Year	Junior Year	Senior Year
Art		1, 2	
Astronomy		1, 2	4
Biblical Literature ...		1, 2	3, 4
Biology	3, 4, 5, 6	9, 10	11, 12
Chemistry	1 to 4	5, 6	7 to 10
Economics		1, 2, 4, 8	9 to 18
Education			1, 2
English	5, 6	7 to 14, 23, 24	17 to 22
French	1 to 8	9, 10	
Geology		1, 2	3 to 8
German	1 to 10		11, 12
Greek	A, 1 to 4, 10	5 to 12	
History	1, 2	3 to 10, 13, 14	11, 12
Italian	1, 2	3 to 6	
Latin	A, 1 to 4	5, 6	7, 8
Mathematics.....	3, 4, 11, 12	5, 6	7 to 10
Modern Government .		2	3, 4
Music	1, 2	3, 4	5, 6
Philosophy		1, 2, 4, 6	7 to 10
Physics.....	1, 2	3 to 6	7, 8
Public Speaking		5	7
Spanish	1, 2	3 to 6	
		and any preceding course	and any preceding course

STUDIES OF SPECIAL STUDENTS

Special students shall take as many courses as are taken by regular students. The first year they shall study the modern language in which they are prepared, and the required studies of Freshman year for which they are prepared, except such subjects as they have already taken.

Other studies may be chosen from Biology, Chemistry, Physics, Modern Languages, and History. After the first year all studies are elective.

EXTRA COURSES

A student who has an average of not less than 70 in the previous semester, and has not failed in any course in that semester, may elect six courses. In all other cases extra courses may be taken only with the approval of the Administration Committee.

Petitions for such courses shall be made on blanks furnished by the Registrar's office. The student shall indicate on his schedule the course which is extra. After two weeks the Registrar may not change an extra course to a regular course without the consent of the Administration Committee. Credit is not given for an extra course, unless it is taken as a substitute for a previous delinquency or to enable the student to graduate in less than four years. Credits for extra courses may not be substituted for delinquencies subsequently incurred. A student who has failed to complete the required number of studies in any semester is not permitted to take an extra course in the following semester, unless exception is made by the Administration Committee.

Public speaking in the first semester of Junior year may not be taken as an extra course.

Credit for one semester course is given for every four semesters' rehearsal and concert work in the music department, and this credit shall count as a regular course in the semester in which it is received.

ART

PROFESSOR SMITH

1. Greek Art. Sculpture and architecture, introduced by a brief study of the nature and functions of art. Lectures illustrated by photographs, casts, lantern slides. Collateral reading, with reports on assigned topics.

PROFESSOR BAXTER

2. Roman and Italian Art. (a) Roman architecture; Italian architecture, including early Christian, Byzantine, Romanesque, Gothic, and Renaissance. (b) Italian sculpture; five lectures. (c) Italian painting of the Renaissance; twenty-five lectures. All lectures illustrated by stereopticon. Collateral reading and study of photographs.

ASTRONOMY AND NAVIGATION

PROFESSOR TODD

1. General and descriptive astronomy. Todd's *New Astronomy*; lectures upon the history of astronomy. Observations with telescopes and other apparatus, as laboratory practice. Determinations of time.

(Physics 2 requisite.)

2. Practical astronomy (Campbell, Souchon); *Theoretical Astronomy* (Watson); observatory work with equatorial, transit, and spectroscope.

(Mathematics 1, 2, 5, and 6 and Astronomy 1 requisite.)

The course includes the theory of the construction, adjustment, and use of the instruments of the observatory, and each student makes observations, and completely calculates, or reduces them. Also the theory of practical computation, the construction of tables of the motions of the heavenly bodies, and of the Astronomical Ephemeris and Nautical Almanac.

4. History of navigation; instruments of navigation; compass errors and their correction; finding the ship's position; sextant practice.

(Mathematics 1, 2, and Astronomy 1 requisite.)

BIBLICAL LITERATURE

PROFESSOR GENUNG

1. The formative centuries, to the time of the literary prophets. Lectures, essays, discussions.
2. Prophecy and other literature to the Babylonian exile.
3. Post-exilic literature; coming of the Son of Man.
4. Literature of the apostolic era.

BIOLOGY

PROFESSORS TYLER AND LOOMIS, AND MR. GOODRICH

1. Systematic and economic zoology of the invertebrates.

Laboratory work two hours per week.

2. Systematic and economic zoology of the vertebrates.

Laboratory work two hours per week.

3. Evolution of the animal kingdom.

Laboratory work includes dissection or microscopic study of the principal forms of animal life. The lines of evolution leading to higher animals and man are traced as far as possible. The laws governing human development and the structures and affinities of the great divisions of the animal kingdom are investigated.

4. Evolution and distribution of the vertebrates.

(3 prerequisite.)

MR. GOODALE

5, 6. General structural, physiological, and economic botany of the flowering plants.

Two hours laboratory or field work each week.

7, 8. Evolution of the plant kingdom. (*Omitted in 1910-1911*).

The progress of plant life from the lower to the higher forms is studied by means of lectures and laboratory work upon certain types selected as representative of the main groups of plants.

PROFESSORS LOOMIS AND PHILLIPS

9. Anatomy, including Comparative Anatomy of the Vertebrates, taken up from the point of view of the origin of the structures of the human body.

PROFESSOR PHILLIPS

10. Human Physiology.

(9 prerequisite.)

PROFESSOR LOOMIS

11. Biological problems, especially those connected with heredity.

(3 prerequisite.)

PROFESSOR TYLER

12. Anthropology.

(3 prerequisite.)

CHEMISTRY

PROFESSORS HOPKINS, HALL, AND DOUGHTY

1. Fundamental laws. The non-metallic elements and their compounds.
2. The metallic elements and their compounds.

PROFESSOR DOUGHTY

3. Qualitative Analysis. Reactions and detection of the common metals and acids.

(1, 2 requisite.)

4. Organic chemistry. An introduction to the chemistry of the compounds of carbon. General theory of organic chemistry and preparation of typical compounds.

(1, 2, and 3 requisite.)

PROFESSOR HALL

5. Quantitative analysis, chiefly laboratory work in gravimetric and volumetric analysis.

(1, 2, and 3 requisite.)

6. Quantitative analysis; a continuation of 5.

7. Elementary physical chemistry. The topics considered in this course include the following: Determination of atomic weights, relations between atomic weights and properties, simple gas laws, relations between gases and liquids, osmotic pressure and gas pressure, determination of molecular weights of gaseous and dissolved substances, thermochemical change, electrolytic dissociation, chemical equilibrium, phase rule.

(Physics 1, 2 and Chemistry 1, 2, 3 requisite.)

PROFESSOR DOUGHTY

8 and 10. Organic or inorganic preparations. Laboratory work and assigned reading. Hours by appointment. A minimum of two three-hour periods in the laboratory per week, or the equivalent, will be required. Substances will be prepared illustrating various methods of manipulation, and, in general, involving more difficult methods of preparation than those prepared in course 4.

(Open with the permission of the instructor, to students properly qualified.)

(Chemistry 1, 2, 3, and 4 requisite for organic preparations. Chemistry 1, 2, 3, and 4, 5 or 7 requisite for inorganic preparations.)

Every course in chemistry includes lectures, recitations, and laboratory work—except as indicated in 5, 6, 8 and 10.

ECONOMICS

PROFESSORS CROOK AND CLARK

1. Outlines of Economics. Seager's *Economics*, *Briefer Course*; John Stuart Mill's *Principles of Political Economy*.

PROFESSOR CROOK

2. Socialism and Social Problems. Spargo's *Socialism*; and the writings of other socialists and social reformers.

PROFESSOR CLARK

4. Transportation. Johnson's *Elements of Transportation*; McPherson's *Railroad Freight Rates*, etc.

PROFESSOR CROOK

8. Labor Problems, including trades-unionism and the wage question. Adams and Sumner's *Labor Problems*. (*Omitted in 1910-1911.*)

9. Public Finance. The principles of public revenues and expenditures, with special emphasis on the problems of taxation.

PROFESSOR CLARK

10. Financial History of the United States.

11. Money and Banking.

12. Corporations and Trusts. (*Omitted in 1910-1911.*)

PROFESSOR CROOK

13. Advanced Economic Theory. Assigned readings in the English Classical Economists, and the works of the modern English, Austrian, and American writers.

14. Advanced Economic Theory. Course 13 continued.

Course 1 is open to Juniors and Seniors; courses 2, 4, 8, 10, and 12 are open to Juniors and Seniors who have had Economics 1; and courses 9, 11, and 13 are open to Seniors who have had Economics 1.

The department conducts a seminar course during the winter months, to which those are admitted who have attained high standing in Economics 1.

EDUCATION

PROFESSOR KOHL

1. Principles of Education; a study of the meaning, aims, and methods of education. Lectures, readings, and discussions.
2. Continuation of 1.

ENGLISH

PROFESSORS UTTER AND HAMILTON, MR. ANDREWS, AND
DR. PORTER

1. Composition; exposition; themes and conferences; reading in standard authors.
2. Continuation of 1; description and narration.

PROFESSORS UTTER AND HAMILTON, AND MR. ANDREWS

5. General introduction to English literature, from the time of Chaucer to the Romantic movement; themes and conferences.
6. Continuation of 5. English literature of the nineteenth century; themes and conferences.

English 5 is requisite to English 6. The courses aim to present a wide variety of literary types and figures, that the student may determine his interests and prepare for more special study in other courses, and at the same time gain a general knowledge of the nature and extent of English Literature.

PROFESSOR GENUNG

7. English literature of the Victorian age; essayists and critics; lectures, readings, discussions.

8. Continuation of 7; the Victorian poets.

DR. PORTER

9. The Drama as a species of art, its aims, principles, and methods; Greek, Roman, French, German, and English dramas as examples and illustrations. (*Omitted in 1910-1911.*)

10. The English Drama; rise and development; works of the predecessors of Shakespeare; the dramatic art of Shakespeare. (*Omitted in 1910-1911.*)

11. The English Drama; rise and development; the predecessors of Shakespeare; Shakespeare.

12. Continuation of 11.

PROFESSOR UTTER

13. The English Novel; its form and development; themes and conferences.

14. Continuation of 13.

(13 prerequisite.)

PROFESSOR HAMILTON

15. Elizabethan literature, 1557-1604; study of lyric and dramatic poetry; early English prose.

16. English literature of the seventeenth century; study of the English epic; the early novel; the development of modern prose.

PROFESSOR UTTER

17. Advanced composition.

Open, with the permission of the instructor, to Seniors and to specially qualified Juniors.

18. Continuation of 17.

DR. PORTER

19. Critical study of English poets: Pope, Cowper, Burns, Byron, Shelley, Wordsworth.

20. Continuation of 19.

For English 19 and 20, two courses chosen from 7 to 16 are requisite as precedent or parallel courses.

21. Old English (Anglo-Saxon). Cook-Sievers's *Grammar of Old English*; Sweet's *Anglo-Saxon Primer*; Bright's *Anglo-Saxon Reader*; *Beowulf*; lectures on the origin and development of Old English. (*Omitted in 1910-1911.*)

22. Old English Poetry. *Beowulf* continued; Middle English, especially Chaucer; *Prologue to the Canterbury Tales*; lectures on the history of Middle English, and its development into Modern English; Sweet's *Second Middle English Primer*. (*Omitted in 1910-1911.*)

23. Old English Literature.

This course is given alternate years with the linguistic course 21, and is devoted to the literature of the period. Knowledge of Anglo-Saxon is not required.

24. Middle English Literature.

This course is given alternate years with 22. Special attention is paid to the Middle English lyrics, *Piers Plowman*, the Arthurian tales, the Mystery plays, Chaucer. Knowledge of Middle English is not required.

GEOLOGY

PROFESSOR EMERSON AND MR. KIMBALL

1. Structural and dynamical geology and physio-

graphy. Six excursions required, generally on Wednesday or Saturday.

(Physics 1, 2, and Chemistry 1, 2, requisite.)

2. Historical geology, palaeontology. Two excursions required, generally on Wednesday or Saturday.

(1 requisite, Biology 1, 2, desirable.)

3. Field and laboratory geology. Two full afternoons a week required.

(Geology 1, 2 requisite.)

4. Mineralogy continued until the weather allows field work, then a survey of an area of massive or crystalline rocks. Two full afternoons a week.

(Geology 1, 2 requisite.)

5. General course in mineralogy and crystallography.

(Chemistry 1, 2 and Geology 1, 2, 3 requisite.)

6. Optical mineralogy, petrography.

(5 required.)

7. Palaeontology. Special study of invertebrate animals or of plants.

(Geology 1, 2 and Biology 1, 2 or 7, 8 requisite.)

8. Continuation of 7.

GERMAN

PROFESSORS EASTMAN AND MANTHEY-ZORN

1. Elementary course; grammar, pronunciation, composition, colloquial exercises.

2. Continuation of 1; composition, syntax, translation from prose selections.

3. Prose composition, with review of grammar; reading of modern prose.

4. Schiller and Goethe: a representative work of each author; composition and free reproduction.

5a. Goethe's dramas; lectures and essays.

5b. The German drama of the nineteenth century: Grillparzer, Hebbel; lectures and essays.

6. Goethe, *Faust*; lectures on the history of the Faust legend; Goethe's life; essays.

PROFESSOR EASTMAN

7, 8. The German novel of the nineteenth century. (*Omitted in 1910-1911.*)

Open to students of high rank.

PROFESSOR MANTHEY-ZORN

9. The German classical drama of the 18th century.

10. The German drama of the 19th century and contemporary drama.

Open to students of high rank.

Courses 7, 8 are given alternate years with 9, 10.

PROFESSOR EASTMAN

11. Middle High German; grammar; reading of selections from the *Nibelungenlied*.

12. Middle High German; Walther von der Vogelweide and other Minnesingers.

(Two semesters in addition to 5 and 6 requisite.)

GREEK

PROFESSOR ELWELL

A. Course for students beginning Greek. *Anabasis* and prose composition; four hours a week through the year.

B. Course for students continuing Greek. *Iliad* and prose composition; three hours a week through the first semester.

These courses are given to three or more students, on application.

1. Homer, *Odyssey*.
2. Lysias.

PROFESSOR SMITH

3. Greek drama. Sophocles, *Electra*; Euripides, *Troades*; lectures on the development of tragedy and the theatre; study of other selected dramas in an English translation.

4. Plato, *Apology* and *Crito* and parts of the *Phaedo*; Xenophon, *Memorabilia*; lectures and reading on the life and influence of Socrates.

Open to Freshmen who have had Greek 1.

5. The later Greek poets; Theocritus, Bion, Moschus; the Greek Anthology. (*Omitted in 1910-1911.*)

6. Lucian; selections; the Greek romance. (*Omitted in 1910-1911.*)

7. Epic poetry; Homer, *The Iliad*, rapid reading; Apollonius Rhodius, *Argonautica III*; lectures and reports.

8. Aristophanes, *Birds*, with lectures on the development of comedy; Æschylus, *Agamemnon*, with a study of the other plays of the Orestes trilogy in an English translation.

Courses 5, 6 are given alternate years with 7, 8.

PROFESSOR ELWELL

9. The New Testament; the Acts of the Apostles.
10. The Greek Historians: Herodotus, Thucydides.

PROFESSOR SMITH

12. Greek Philosophy; Plato and Aristotle; lectures; study of selected works in an English translation, with reports on special topics. (*Omitted in 1910-1911.*)

Knowledge of the Greek language is not required.

HISTORY

MR. W. P. HALL

1. The early Middle Ages; the passing of the Roman Empire and the beginnings of Christianity; Feudalism; the Crusades; and other characteristic phenomena of the period.

2. The later Middle Ages; the development of Nationalities; the Culture and Church of the Middle Ages; the Italian Cities; the Renaissance and the Protestant Revolt.

PROFESSOR GALLINGER

3. English history, 1066-1689; the growth of the constitution; the Reformation; the Puritan Revolution; the Restoration; the Revolution of 1689.

4. English history since 1689; the development of cabinet government; the struggle with France; the industrial revolution; the expansion of England.

5. American history, 1492-1750; the discovery, exploration and conquest of the New World; the settlement and growth of the English Colonies.

6. American history, 1750-1783; the overthrow of New France; the British colonial and commercial system; the War of Independence.

PROFESSOR F. L. THOMPSON

9. European history from the Peace of Westphalia to

the beginning of the French revolution, 1648-1789.

10. European history, 1789-1870.

11. Political and constitutional history of the United States to the election of Jackson, 1765-1828.

12. Political and constitutional history of the United States since the election of Jackson.

MR. W. P. HALL

13, 14. Economic history.

Open, with the approval of the instructor, to students who have had History 1, 2.

HYGIENE AND PHYSICAL EDUCATION

PROFESSORS PHILLIPS, NELLIGAN, AND CARPENTER

1, 2. Personal Hygiene, lectures on fundamental laws affecting health. Physical Exercise, in the form of (A) Athletics and Gymnastics, or (B) Aquatics.

Freshmen unable to swim are required to take (B).

3, 4. Physical Exercise, in the form of (A) Gymnastics and Military Evolutions, or (B) Aquatics.

Sophomores unable to pass the swimming requirements of the College may take (B).

5, 6. Physical Exercise, in the form of Gymnastics, Military Evolutions, and Dancing.

The courses are for the first and second terms of the year.

LATIN

PROFESSOR HOUGHTON

A. Vergil, *Aeneid*, Books I-VI. (First semester).

This course is offered to candidates for the B. S. degree who present minimum Latin for entrance to College.

PROFESSORS HOUGHTON AND GALPIN

1. Livy, selections from Books I, XXI, and XXII; Cicero, *De Senectute* or *De Amicitia*.
2. Horace, selections from the *Odes* and *Epodes*; Ovid, *Metamorphoses*.

PROFESSOR COWLES

3. Tacitus, *Agricola* and *Germania*. Selections from the *Letters* of Pliny the Younger. A study of the times in relation to the literature of this period; characteristics of the Silver Age Latinity. Illustrated lectures on Roman life and monuments.

4. Selections from Cicero's *Letters*. Selections from Catullus and other Roman poets. History of Latin literature.

5. The Latin drama; a tragedy of Seneca and two comedies of Plautus or Terence, with lectures on the Roman theatre, the origin and development of the Latin drama, and its influence on later writers. In the tragedy, especial attention will be given to the dramatic form, character-drawing, diction and style; in the comedies, to the vocabulary, ante-classical forms, constructions, and the value of Roman comedy to the philologist and to the student of Roman life.

6. The works of Vergil, with especial reference to their literary qualities, and the poet's influence on subsequent literature; or, Roman Satire, Horace, Persius, and Juvenal.

PROFESSOR HOUGHTON

7. Tacitus: *Histories*, Books I-III, with special atten-

tion to the author's style as a writer and his aims and methods as a historian. Selections from the *Annals* at sight or for private reading.

8. Lucretius: *De Rerum Natura*, Books I, III, and V, with special attention to the appreciation of the poem in its literary, scientific, and religious aspects. Cicero: *Tusculan Disputations*, Book I, at sight or for private reading.

PROFESSORS COWLES, AND HOUGHTON

12. Course for students intending to teach Latin; *Caesar*, *Cicero*, and advanced prose composition.

A one hour course which does not count toward a degree.

MATHEMATICS

PROFESSORS OLDS, ESTY, AND PARKER, AND MR. CRESSE

1. Solid and spherical geometry; plane trigonometry.
2. Trigonometry continued; advanced algebra, including an introduction to the simplest methods of analytical geometry and the calculus.
3. Plane analytical geometry.
4. Differential and Integral Calculus.
5. Calculus continued, and introduction to analytical geometry of three dimensions.
6. Analytic mechanics; vector methods introduced.
7. Differential equations, ordinary and partial, with their applications; vector methods continued.
8. Advanced analytic geometry and advanced integral calculus. (*Omitted in 1910-1911.*)

10. Introduction to the theory of functions.

Course 10 is given alternate years with Course 8.

The following courses are designed primarily for students who are preparing to enter schools of technology or to teach.

11. Descriptive geometry.

12. Descriptive geometry; continuation of 11.

14. Mechanical drawing. (*Omitted in 1910-1911.*)

(Course 11 requisite for 12 and 14.)

Course 14 is given in alternate years with Course 12.

MODERN GOVERNMENT AND INTERNATIONAL LAW

PROFESSOR GROSVENOR

2. Fundamentals of international law; definitions; the state; attributes of a state; government; object and test of government; influence of original theories, of time and of circumstances; governments as single or federal, as monarchic, aristocratic, or democratic, as constitutional or arbitrary.

3. Existing governments, national, municipal, and local, in the states of Europe and America, and in Japan, China, India, and Australia.

(2 requisite.)

4. The rights of states; international intercourse; relations of states at war; belligerents and neutrals; history, progress, and future of international law.

(2 and 3 requisite.)

Under the governmental systems of different states their constitutions, administrative methods, and fundamental political ideas are discussed. The physical, ethical, and religious condition of people is investigated to ascertain the influence of such conditions upon their political life. Attention is paid to special topics of contemporaneous interest. During each sem-

ester at least one thesis and two discussions will be presented by each student upon subjects assigned. Grosvenor's *Contemporary History*. Wilson's *The State*. Lawrence's *International Law*.

MUSIC

PROFESSOR BIGELOW

1. Elements of music; history of the scales; sight-reading; elementary harmony; chord analysis; choral and orchestral work.

2. Chord analysis; sight-reading and harmony continued; history of music; study of forms; choral and orchestral work.

(1 requisite.)

3, 4. History of music continued; form analysis; musical literature; choral and orchestral work.

(1, 2 requisite.)

5, 6. Special course in the Wagnerian Music Drama.

Offered only on petition; open to applicants who have a satisfactory proficiency in German.

Pianos and a large Aeolian Orchestrelle are placed at the disposal of all students taking these courses.

Chorus and Orchestra.

Students not electing the courses outlined above may, if qualified, become members of the chorus or orchestra, and receive credit as follows: four semesters of such work is credited as a semester course; less than two consecutive semesters is not counted. The time required for rehearsals and concerts averages three hours per week.

PHILOSOPHY

PROFESSOR TOLL

1. Psychology.

The aim of the course is to acquaint the student with general psychology, both in theory and in its various applications.

2. Experimental psychology (elementary laboratory course). (*Omitted in 1910-1911.*)

Lectures, demonstrations, laboratory work, and collateral reading.

(Course 1 requisite.)

4. Advanced psychology.

A detailed study of some of the problems and theories of modern psychology.

(Course 1 requisite.)

PROFESSOR NEWLIN

6. Introduction to philosophy.

A study of the fundamental problems of metaphysics and ethics, and their bearing on sociology.

(Course 1 requisite.)

7. Philosophy.

A study of political ethics with special reference to its bearing on social problems; aesthetics; philosophy of religion.

(Course 6 requisite.)

8. Social ethics (seminar).

A study of philosophical principles in their application to the modern problems of philanthropy, industry, and social life.

Instructor's approval requisite to election of this course.
(Course 7 requisite.)

PROFESSORS NEWLIN AND TOLL

9. History of ancient philosophy.

Lectures, readings, and discussions.

(Course 6 requisite.)

10. History of modern philosophy.

Lectures, readings, and discussions.

(Course 6 requisite.)

PHYSICS

PROFESSORS KIMBALL AND J. O. THOMPSON AND MR. WESTHAFFER

1. Elementary mechanics; equilibrium and motion of solids, liquids, and gases, capillarity, and molecular forces; heat; electricity and magnetism.

2. Electricity and magnetism continued; sound and light.

3. A course in electric and magnetic measurements and in heat.

(1 and 2 requisite.)

4. Heat and elementary thermodynamics and physical optics, with especial reference to interference, diffraction, and polarization, and the optical properties of crystals.

5. Double refraction; electromagnetic theory of light and electric waves; discharge of electricity through gases; radioactivity.

(Mathematics 5 and 6 requisite.)

6. Dynamo-electric machinery, with especial reference to alternating currents of electricity.

(Mathematics 5 and 6 requisite.)

7. Electric waves.

8. Thermodynamics applied to problems in physical chemistry.

PUBLIC SPEAKING

PROFESSOR CORSA

2. Oral interpretation; declamations, one-hour course; individual training.

Required of all Freshmen.

3. Oral interpretation; declamations, one-hour course; individual training.

Required of all Sophomores.

5. Lectures; examples for praxis; oral interpretation; orations; argumentation in debates; discussions; speeches.

7. Debates on social, economic, historical, and political questions.

This is a one-hour course continuing till the end of the first semester. Any elective course may be taken in place of debates the first semester of Senior year, with credit for a one-hour course. All students electing course 7 who have not previously taken course 5 must enter the course on or before October 1.

The department also furnishes individual training of contestants for the Freshman and Sophomore Kellogg prizes and for the Hyde and Bond prizes in the Spring term.

ROMANCE LANGUAGES

FRENCH

PROFESSORS BAXTER, LANCASTER, AND STOWELL

- 1, 2. Elementary course: pronunciation, grammar (composition), translation.
- 3, 4. Advanced course: rapid reading, syntax, composition, and conversation.

PROFESSOR LANCASTER

5. Tragedy: Corneille, Racine, Hugo, Rostand.
6. Molière's comedies.

PROFESSOR GALPIN

- 7, 8. The Novel, from Rabelais to Zola.
(5 and 6 requisite.)

PROFESSOR LANCASTER

9. Nineteenth Century Drama.
(5, 6, 7, and 8 requisite.)

PROFESSOR STOWELL

10. The Contemporary Novel.
(9 requisite.)

- 11, 12. Old French.

Given on application of three or more students who have completed 9, 10.

ITALIAN

PROFESSOR BAXTER

1, 2. Pronunciation, grammar, translation. Stories by De Amicis, Castelnuevo, Farina, Verga, Fucini, and Serao; Manzoni, *I Promessi Sposi*.

3, 4. Reading, composition, and lectures on the history of Italian literature. Selected tales from Boccaccio, *Decamerone* (Fornaciari); Ariosto, *Orlando Furioso* (Papini); Castiglione, *Il Cortegiano* (Cian). (*Omitted in 1910-1911.*)

5, 6. Dante, *Vita Nuova*, *Divina Commedia* (Scartazzini); lectures on Dante.

Courses 5, 6 are given alternate years with 3, 4

SPANISH

PROFESSOR GALPIN

1, 2. Pronunciation, grammar, composition, translation, conversation.

(French 1, 2 requisite.) May not be taken in the same year as Italian 1, 2.

3. The modern novel.

4. The novel of the sixteenth and seventeenth centuries; reading of *Lazarillo de Tormes* and selections from *Don Quixote*.

5, 6. The classic drama and the ballads. (*Omitted in 1910-1911.*)

Courses 5, 6 are given in alternate years with 3, 4.

THE HENRY WARD BEECHER LECTURESHIP

This Lectureship is named in honor of Henry Ward Beecher, of the class of 1834. It is awarded annually by the Faculty for supplementary lectures in the Departments of History and the Political and Social Sciences, and pays the holder the sum of five hundred dollars. The lectureship was founded by Frank L. Babbott, M.A., of the class of 1878.

The lecturer this year is Professor Edward Alsworth Ross, of the University of Wisconsin. The subject of the lectures is *The Social Drift of America*.

Clubs and Societies

ROMANCE CLUB

THE Romance Club is a student organization whose object is to encourage conversation in French, Spanish, and Italian,—the only languages permitted in the Club Room. It is purely social in character, being quite independent of the conversation classes conducted by the department. Informal weekly meetings are held, foreign dailies and illustrated journals are kept on file in the Club Room, which is always open to members, distinguished foreigners are invited to speak in their native tongue under the auspices of the Club, plays are presented, and finally members are encouraged to travel in the Latin countries and to recount their experiences to the Club on their return.

GERMAN CLUB

The German Club is an organization of students for the purpose of gaining facility in speaking the language. Members have access at all times to the rooms, which are provided with German newspapers, illustrated papers, and reviews.

LITERARY CLUB

The Literary Club is organized and conducted by students, and the teachers of English are active members. The purpose of the Club is to increase interest in English

literature, to form correct literary opinions, and to promote free discussion of literary subjects. Special attention is given to modern and current literature. The Club also affords opportunity to hear prominent lecturers from outside the College.

CHORUS AND ORCHESTRAL WORK

A chorus and orchestra, consisting of students, faculty, and citizens of the town and vicinity, render during the college year and at Commencement some of the larger musical masterpieces, thus giving all who can sing, or play an instrument, an opportunity for practice and development in good music. Some of the works studied, thus far, are Mendelssohn's *St. Paul*, *Hymn of Praise*, *Hear my Prayer*, and *Elijah*, Handel's *Dettingen Te Deum* and *Messiah*, the overture to Von Weber's *Freischütz*, Beethoven's *Seventh Symphony*, Mozart's *Requiem Mass* and *Zauberflöte Overture*, and Haydn's *Creation* and *The Seasons*.

COLLEGE CHOIR

Students who have good voices and have had experience in singing may become members of the choir, whenever there are vacancies. They receive remuneration for their services.

The duties of the choir are to lead singing daily at morning prayers, and at the Sunday morning service, and to attend such choir and chorus rehearsals as may be appointed.

Buildings and Equipment

AMHERST COLLEGE is situated on the slope of the Connecticut valley, four miles east of the river. Beyond the broad valley on the west are the Hampshire and Berkshire hills, on the south is the Holyoke range, on the north are Mount Toby and the Sugar Loaf mountains, on the east are the Pelham Hills. The College is placed on a broad eminence at the center of this circle of mountains and ranges, looking out in every direction on beautiful scenery.

THE LIBRARY

The library contains about ninety-five thousand volumes. The funds available for the increase of the library yield an annual income of about six thousand dollars, which is expended under the direction of the library committee in such a way as to do justice to each department of the library.

The reading-room is large and attractive, and is supplied with the best foreign and American periodicals. Open shelves contain encyclopedias, dictionaries, and other books of reference, together with such books as are temporarily assigned to reading-room use by teachers in the different departments.

Members of the College are allowed free access, under a few necessary limitations, to the bookshelves. In addition to the use of books in the library building, each student is permitted to have out three volumes at a time.

During term-time the College library and reading-room are open from 8:30 a. m. to 9:30 p. m., every day except Sundays and holidays. During vacations the library and reading-room are open two hours daily, except from August 15 to September 15.

The library building bears the name of the Henry T. Morgan Library, in recognition of the munificent bequests of the late Henry T. Morgan of New York.

THE MATHER ART MUSEUM

For purposes of instruction in the history of Art, the College is well equipped with reproductions illustrating various periods and schools. The large collection of plaster casts which occupies the entire third floor of Williston Hall, and the vestibule and stairway leading to it, has been named in honor of the late Professor Richard H. Mather, D.D., in recognition of the fact that it was brought together solely through his agency. It comprises nearly one hundred casts of acknowledged excellence, of which some fifty, of the size of the originals, illustrate Egyptian, Mycenaean, Greek, and Roman sculpture, both in the round and in relief. Of later sculptors, Michelangelo, John of Bologna, Canova, and Thorwaldsen are represented. Among the copies of important bas-reliefs, the most noteworthy is that of the Panathenaic frieze from the Parthenon, which encircles the main hall. There are also about forty statuettes and busts in the collection, all from antique or Renaissance originals. At the east end of the hall are full-sized casts of the Ghiberti gates in the Baptistry at Florence; at the west end is a reproduction of Crawford's doors of the Capitol at Washington.

The Museum is entered through the central door on the north side of Williston Hall, or through the smaller door, on the same side, leading to the Greek room. It is open every week-day, while College is in session, from 2 to 3 p. m. At other times visitors are admitted on application to the custodian.

In addition to the resources of the Mather Museum, the rooms of several departments of the College are supplied with art reproductions of various kinds. The Latin and Greek rooms, both in Williston Hall, possess many important casts in bronze and plaster, as well as large collections of photographs, engravings, and stereopticon slides. In the Art Room of the library, at the right of the entrance, is the Italian Art Collection of more than one thousand carbon photographs and lantern slides illustrative of Italian painting of the Renaissance. In the same room are two cases of Eastern antiquities, such as Assyrian and Babylonian seals, cylinders, bricks, and fragments; and in the vestibule of the library are several Assyrian slabs, with inscriptions in cuneiform characters, dated about 900 B. C., which were obtained by the late Dr. Henry Lobdell of the class of 1849 from the walls of the palace of Assurnazirpal at Nimroud.

LABORATORIES AND MUSEUMS

The chemical laboratory has ample accommodations for the department. It contains on the first floor laboratories for quantitative and qualitative analysis. Upon the second floor is a large lecture-room, and adjoining is a commodious room for preparations and apparatus for experiments. Upon the same floor is a working laboratory

for students in general chemistry, and a laboratory arranged for organic and sanitary work, with a combustion room. Upon each floor is a recitation room. A library room is near the work-room of the more advanced students. In the basement are storerooms for glassware, chemicals, and acids, an assay room, a gas analysis room, and a workshop.

The physical laboratory has on the main floor a large lecture room and an apparatus room with a valuable collection for lecture illustration. There are also on this floor a library and reading-room, a recitation room, and a room for experimental work in electricity. On the upper floor are laboratories for elementary experimental work, a balance room, a photographic developing room, a dark room for general purposes, an optical room, and a spectroscopy room equipped with a powerful concave-grating spectroscopy. In the basement are battery rooms, a uniform temperature room, a room for special researches, and a well-equipped workshop and dynamo room, with steam and water power.

The biological and geological laboratories occupy a large building recently erected on the south side of the campus. On the first floor is the biological museum, and on the second floor the geological and mineralogical museum. There are large lecture rooms, laboratories, and working rooms on both floors and in the basement.

The geological museum comprises the Woods cabinet, which contains about twenty-five thousand specimens, including the general American and European collections, the State survey collections of New Hampshire, Vermont, Massachusetts, and Connecticut, and the Shepard Meteorite collection.

In the basement is the ichnological collection, named after President Hitchcock, containing about fourteen hundred tracks of animals in stone and casts of living and extinct species. The Adams collection of shells and Audubon's celebrated collection of birds given by the Hon. Elbert E. Farman, LL.D., of the class of 1855, are in the biological museum.

Appleton Cabinet contains the anthropological collection and the museum of Indian relics which receives its name from the Hon. George Gilbert of Ware, by whose liberality it was established. Large and valuable collections have recently been added by the gifts of Alumni.

The collections are open to the public every week-day from 3 to 4 p. m.

THE OBSERVATORY

The new Observatory, with a thoroughly modern equipment, has an excellent site near the College. The large dome, thirty-five feet in diameter, houses an eighteen-inch Clark telescope. The small dome contains a seven and one-fourth inch refractor. The observatory equipment comprises also an altazimuth, two transits with the usual accessories for meridian observations, and instruments for instruction in the theory and practice of navigation.

The land included in the Observatory property is about seven and one-half acres, and adjoining are nearly fifty acres owned by the College.

LECTURE AND RECITATION HALLS

Walker Hall, a granite building, named for the donor,

the late William J. Walker, of Newport, Rhode Island, contains nine lecture rooms for philosophy, history, modern government, English, and mathematics, and the offices of the President, Dean, Treasurer, and Registrar.

Williston Hall, a brick building, named for the donor, the late Samuel Williston of Easthampton, contains the Latin, Greek, and English lecture-rooms, the Art Museum, and the rooms of the Christian Association.

Barrett Hall, a stone building, was the first college gymnasium in this country, erected in 1859, and named for the late Benjamin Barrett, M.D., of Northampton. The building was restored in 1907 by means of the fund given by Edward A. Strong of the class of 1855. It is now arranged for lecture-rooms, and is occupied by the departments of modern languages, and by the German and Romance Clubs.

Hitchcock Hall, a brick building, named for Edward Hitchcock, LL.D., of the class of 1849, is the College Dining Hall, and accommodates three hundred students.

THE COLLEGE CHAPEL

The Chapel, one of the oldest buildings, erected in 1828, contains Johnson Chapel, where morning religious services are conducted, five lecture-rooms, and a small hall.

THE COLLEGE CHURCH

The College Church, the gift of William F. Stearns, is a beautiful Gothic edifice, in which preaching services are held on Sundays.

COLLEGE HALL

College Hall, a brick building, originally the village church, was restored in 1905 by the class of 1884. It is in the colonial style of architecture, with a graceful portico and cupola. It has wide galleries and accommodates about one thousand persons. Every class since 1828, when the church was built, has been graduated in this hall. It is the place where Commencement exercises are held, oratorios rendered, public lectures given, and student mass-meetings gathered.

MUSIC BUILDING

The Octagon has been completely remodeled for the use of the music department, and provides rooms for recitations, individual practice, and choral and orchestral work.

THE PRATT GYMNASIUM AND NATATORIUM

The Pratt Gymnasium is the gift of Charles M. Pratt, M.A., of the class of 1879. The main hall affords ample space for drill practice with light apparatus, and for military evolutions. The equipment of specialized apparatus is complete, and enables a large number of students to take individual exercise simultaneously.

On the main floor are the offices of the Professors of hygiene, and rooms containing anthropometric apparatus for the measurement and examination of students. The physician of the College and his assistants are in daily attendance, to give personal care and advice respecting the bodily needs and exercises of the students.

One division of the building contains a fencing and wrestling room. In the basement are the bowling-alleys, a sparring room, and baseball cage. The gymnasium is open every week-day from 8:45 a. m. to 6 p. m., and for special purposes in the evening.

The Pratt Natatorium is the gift of Harold I. Pratt, B.S., of the class of 1900. The pool is seventy-five feet long and twenty-two feet wide. Apparatus for water sports is provided. The building which contains the swimming pool is connected by a corridor with the Gymnasium. The pool is on the first floor, with an elevated area for spectators. On the second floor are one double and three single squash-racquet courts, the gift of Mortimer L. Schiff, M.A., of the class of 1896. The pool and the racquet courts are free to all students.

THE PRATT FIELD AND SKATING RINK

The Pratt Field, an area of about thirteen acres, less than one third of a mile from the College, is the gift of Frederic B. Pratt, M.A., of the class of 1887. It is intended for outdoor recreation of all students of the College. It is provided with a well-laid quarter-mile track and space for field contests, a baseball diamond, football grounds, and tennis courts. The grandstand seats about five hundred, and furnishes standing-room for as many more. In the large space under the stand are dressing-rooms, shower-baths, and storerooms.

The Pratt Skating Rink, built in 1908, is the gift of Charles M. Pratt, M.A., of the class of 1879, for the free use of all students. It is situated near Pratt Field, and has an area of 200 x 115 feet. A heated bungalow at

the rink-side provides for the comfort of skaters and spectators.

THE PRATT HEALTH COTTAGE

The Pratt Health Cottage, in an elevated situation three fourths of a mile from the College, is the joint gift of George D. Pratt, B.S., of the class of 1893, Herbert L. Pratt, B.A., of the class of 1895, and John T. Pratt, B.A., of the class of 1896. Its size and equipment are ample for the purposes of an infirmary, where students temporarily disabled by disease or accident may receive treatment in accordance with the liberal provisions of the donors. The College physician has general charge of the infirmary in all matters except treatment, for which any student is at liberty to employ a physician of his own choice and school of medicine. The arrangements for treating infectious diseases are perfect, and the collection of surgical appliances suitable for emergency cases is complete. The matron, a graduate nurse, is ready at all hours during term-time to relieve sick or disabled students, and provide for their necessities, pending any arrangement for especial treatment. Every case of sickness, whether the student goes to the infirmary or not, must be immediately reported to the College physician. Each patient is charged a sum sufficient to defray necessary expense. Provision is made for a limited number of patients by funds given in aid of needy and worthy students, one in memory of Rev. Edmund K. Alden, D.D., of the class of 1844, one in memory of President William S. Clark, LL.D., of the class of 1848, and one in memory of Rev. Thomas P. Field, D.D., of the class of 1834.

DORMITORIES

The rooms in North and South Colleges, arranged on the general plan of a separate study and bedroom, allow a choice in suites for one, two, or three students. The buildings are heated with steam, and there are tiled open fireplaces in most of the rooms. The floors are hardwood, and may be left uncarpeted and used with rugs. On the first floor of each half of each dormitory is a toilet room, and on the second floor a bath room. The hall-ways and rooms are lighted with electricity. The prices named for room-rent include heat, water, and care of the rooms by capable janitors.

A student who is occupying a dormitory room is allowed until the first Monday in May to retain the same for the succeeding year. After that date members of the College may draw for choice of unengaged rooms in the following order: on the Tuesday following, members of the incoming Senior class; on the Thursday following, members of the incoming Junior class; and on the Friday following, members of the incoming Sophomore class. After the last date rooms will be rented as called for; or they may be reserved for members of the incoming Freshman class.

Application for rooms should be made to the Treasurer. Bills for room-rent are payable at the Treasurer's office, and are due, one quarter on engaging the room, one quarter before the opening of the first semester, and the balance before the opening of the second semester. Bills for electricity used in the rooms are to be paid at the close of each term.

Dormitory rooms may be rented only for the entire academic year. Applicants who are rejected at the June

examinations will be released from their contracts and deposits made to secure rooms will be refunded on written request to the Treasurer before July 15. After the June examinations all applicants who engage rooms will be held for the year's rental.

Dormitory rooms may be occupied on the Monday of the week in which the Autumn term opens.

The prices of dormitory rooms are as follows:

\$55, North College, Nos. A, C, D, F; South College, Nos. 7, 15, A.

\$60, North College, Nos. B, E; South College, 11, C.

\$65, South College, B.

\$80, South College, No. 14.

\$85, North College, Nos. 14, 15, 18, 19, 29, 32; South College, Nos. 1, 4.

\$90, North College, Nos. 1, 4, 10, 11, 25, 28; South College, Nos. 29, 32.

\$95, South College, Nos. 18, 19, 25, 28.

\$100, North College, Nos. 2, 17; South College, Nos. 2, 17.

\$110, North College, Nos. 13, 30; South College, No. 13.

\$115, North College, Nos. 5, 9, 16, 22, 26, 31; South College, Nos. 5, 9, 16.

\$120, North College, Nos. 8, 12, 23, 27; South College, Nos. 8, 12, 30, 31.

\$125, South College, Nos. 22, 23, 26, 27.

\$135, North College, Nos. 6, 21; South College, Nos. 6, 21.

\$175, South College, Suite 14, 14A, and 14B.

\$185, South College, Suite, 10, 10A, and 10B.

(10 B at \$45 may be rented with 11 as a suite at \$105. 14 B at \$45 may be rented with 15 as a suite at \$100.)

Administration

TERMS AND VACATIONS

THE academic year includes thirty-six weeks of term-time, divided into the Autumn, Winter, and Spring terms. There is a recess of two weeks beginning three days before Christmas, a Spring recess of two weeks, and a Summer vacation of twelve weeks. Commencement Day is the last Wednesday in June.

Courses of study are arranged in two semesters of eighteen weeks each. A schedule of courses is published before each semester. On Saturday afternoons all exercises are suspended.

ATTENDANCE AT RECITATIONS AND LECTURES

Not more than five absences are allowed from the classroom exercises of every three-hour course in each semester. In courses involving more or less than three hours a week, and in laboratory courses, the number of allowed absences is limited to one tenth of the total number of exercises. Three tardy marks count as one absence. Absences from recitation and chapel in the twenty-four hours preceding and following recesses and holidays, count double.

As soon as a student exceeds the allowed number of absences in any course he is reported to the Administration Committee and placed on probation, and unless excused by the Committee his mark in that course is reduced by five one-hundredths for each absence in excess of the

allowance. If after having been placed on probation he is absent again without a satisfactory excuse, he is excluded from the course.

A student whose absences in excess of the allowance in any course are excused by the Administration Committee, on account of sickness or for any other reason, must make up the work to the satisfaction of the instructor before he can be admitted to the final examination.

All students going home to vote have an opportunity to make up for the necessary absences by special recitations or exercises.

EXAMINATIONS

Examinations are held at the end of each semester, or at intervals during the semester, in all courses. There are no second or make-up examinations after the close of a semester, except in required courses.

A student who has failed in a required course or in French or German of Freshman year, may take a second examination at the time of the regular entrance examination in that subject at the beginning of the next college year. A student who has failed in mathematics, Latin, or Greek the first semester of Freshman year, may take a second examination at the beginning of the Spring term. A student who has failed in English the first semester of Freshman year may take a second examination at the end of the second semester. A Senior who has failed in any course or courses of the first semester, in case there are no courses that can be substituted the second semester, may take a second examination at the end of the second semester. A Senior who has failed in any course or courses

of the second semester may take a second examination. Special semester examinations are granted only by vote of the Administration Committee, and in such cases a fee of three dollars is charged for each subject. No student may anticipate a final examination.

DELINQUENCIES

A student who has failed in a required course on a second examination is obliged to repeat it the following year with the next lower class. A student who has failed in an elective course is obliged to repeat it the following year, or may, with the consent of the Administration Committee, substitute another course in a subsequent semester.

After the first semester of Freshman year, no student may take six courses unless he has passed five courses the previous semester.

No student whose average is less than 70, or who has failed in any regular course in the previous semester, may elect a sixth course, without the consent of the Administration Committee.

When a student in any semester fails to pass more than two of the five subjects required, or when the total number of his delinquencies is six, he is dropped from college, unless exception is made by the Administration Committee.

A student who, on account of illness, does not take a final examination may be granted the privilege of a special examination, provided he presents a certificate from the College physician.

No student is allowed to remain in College more than two years with an entrance condition.

ATTENDANCE AT CHURCH AND CHAPEL

Absences from chapel services are allowed upon an average once a week for each semester; from the Sunday service, four absences are allowed in each semester.

Instead of attendance upon the Sunday service of the College Church, any student, on application to the Dean, is permitted to attend church service elsewhere with the denomination of his choice. If the student is under twenty-one years of age, his application must be accompanied by a written request from his parent or guardian.

All applications for excuses from church and chapel exercises must be made to the Dean.

ATTENDANCE AT GYMNASIUM

Three hours a week of physical exercise are required of the Freshman, Sophomore, and Junior Classes in the first and second terms of the year. Freshmen commence their work at the beginning of the year; Sophomores and Juniors immediately after the Fall Athletic Meet. A limited number of students are excused from attendance at the Gymnasium while they are actively training for one of the athletic teams of the College.

Every student on entering College is required to take a physical examination.

PUBLIC EXHIBITIONS

The following regulations are not intended to apply to games or exhibitions between classes or fraternities of the College.

FOR STUDENTS IN GENERAL

No student whose work is incomplete in more than one course is allowed to take part in any public game, exhibition, or entertainment given by any club, association, or team of students, or to occupy the position of manager or assistant manager.

The privilege of connection with any club, association, or team of students is at once withdrawn for the remainder of the semester in the case of any student who is reported to the Administration Committee as failing in three courses.

No individual student shall compete in athletics outside of Amherst in term-time without first obtaining permission of the Committee on Athletics.

Every student before entering any athletic competition is required to have a certificate of physical fitness from the Department of Physical Education.

FOR FRESHMEN

The First Semester. A Freshman is not allowed to take part in any public game, exhibition or entertainment given by any club, association or team of students, nor to compete for membership. This rule does not apply to interclass and interfraternity games. Freshmen may not participate in the Boston Athletic Association meet.

The Second Semester. A Freshman who has an entrance condition or an incomplete semester course, or an average recorded standing below 65 is not allowed to take part in any public game exhibition or entertainment given by any club, association or team of students. This rule does not apply to a Freshman base-ball team, nor to interclass and interfraternity games.

A Freshman who has more than one incomplete semester course is not eligible to the Freshman baseball team.

FOR SPECIAL STUDENTS

Special students are not allowed to take part in any public game, exhibition, or entertainment given by any club, association, or team of students during the first year.

FOR MANAGERS AND CAPTAINS

Any club, association, or team of students proposing to give one or more entertainments or exhibitions other than athletic, before making any contracts or engagements, must present their plans to the Committee on Public Exhibitions, and no engagements shall be made without the approval of the Committee.

Any club, team, or association of students proposing to have one or more athletic games or contests must submit their schedule to the Athletic Board before making any contracts or engagements, and no engagements shall be made without the approval of that Board.

Captains of athletic teams are required to see that each candidate for the team has a certificate of physical fitness from the Department of Physical Education before entering upon active training.

FOR EDITORS OF COLLEGE PUBLICATIONS

No student whose work is incomplete in more than one course is allowed to be an editor of a college publication.

First Semester. A Freshman is not allowed to compete for the position of editor of a college publication.

Second Semester. A Freshman who has an entrance condition or an incomplete semester course, or an average recorded standing below 65, may not be an editor of a college publication.

TERM BILLS, BOND AND FEES

Term bills, including tuition, use of library and gymnasium, and all ordinary incidentals, amount to one hundred and ten dollars for the year. [Beginning with the class which entered in 1909, the annual charge is one hundred and forty dollars, of which eighty dollars is required in advance at the beginning of the first semester and sixty dollars at the beginning of the second semester.] A bond of two hundred dollars, with satisfactory surety for the payment of all college bills, must be given to the Treasurer by each student when he enters College. Payment of tuition is required in advance at the beginning of each semester.

Each member of the Senior class is required to pay a graduation fee of six dollars, which is added to the term bill for the second semester of senior year.

LABORATORY FEES

Physics	{ First year, each semester	\$5.00
	{ Second and third years, each semester	7.00
Biology	{ First year, each semester	3.00
	{ Second and third years, each semester	5.00
	{ Seniors in special laboratory courses, each semester	5.00
	{ First year, first semester	5.00
Chemistry*	{ First year, second semester	4.00
	{ Second, third, and fourth years, each semester, except course 7	10.00
	{ Course 7	2.00

These fees must be paid on or before the first day of the semester for which they are charged. Dues for break-age must be paid at the close of the semester.

EXPENSES

The following table shows three scales of annual expenditures, omitting clothing, vacation expenses, laboratory charges, membership of societies, and incidentals:—

	Low	Moderate	Liberal
Tuition*	\$110	\$110	\$110
Room (one half)	35	55	75
Furniture (annual average).	10	20	30
Board thirty-six weeks	144	180	216
Fuel and light	10	15	25
	\$309	\$380	\$456

The dormitories accommodate about one hundred and twenty-five students, and the fraternity houses about two hundred and fifty. At the College Commons in Hitchcock Hall board is furnished at cost. Rooms can be rented at moderate rates in private houses. Board is also furnished at various places in the town, at prices of from four to seven dollars a week.

RELIGIOUS CULTURE

The Christian life of the College finds expression through the College Church and the Christian Association. Prayers are conducted by the President each week-day morning at a quarter past eight o'clock in Johnson Chapel. All

*Beginning with the class which entered in 1909, the annual charge will be \$140.

students are required to be present. Public worship is held every Sunday at a quarter before eleven o'clock in the College Church. All students, not excused to attend elsewhere, are required to be present. A communion service is held in the College Church three times during the year.

PHYSICAL EDUCATION

The department of hygiene and physical education is under the charge of a physician, who keeps himself acquainted with the health of all the students. Each student soon after he enters College, and twice thereafter during his course, if he so desires, is given a careful physical examination and advised how to maintain and increase his health and physical efficiency.

The members of each class except Seniors are required to exercise regularly in the gymnasium three times every week, during the Autumn and Winter terms. During the fall the prescribed work is taken outdoors at Pratt Field.

In the natatorium, swimming is taught by a competent instructor. Every student who on entering College cannot swim is required to learn during the first year and before the end of Sophomore year to pass the college requirements in swimming.

The results of this system of prescribed physical training, pursued in the College for half a century, have been eminently satisfactory. Statistics systematically kept for more than fifty years, indicate that the health of Amherst College students is likely to improve during their course. Part of this improvement may be due to the healthful climate of Amherst, but more is the result of education of the students in personal hygiene and of systematic exercise, as the reverse conditions existed before

the department was introduced.

An annual inspection is made of all fraternity houses with respect to their sanitary condition and safety in case of fire.

ADVISERS

Immediately upon entering College every Freshman is required to submit his choice of studies to the member of the Instruction Committee appointed to advise him. At the end of the year he is expected to consult his adviser as to his course in general. It is also expected that the student will consult his adviser whenever he feels the need, on any subject related to his college life.

Degrees

DEGREE OF BACHELOR OF ARTS

Candidates for the degree of Bachelor of Arts are required to complete, in addition to the studies of Freshman year, at least thirty semester courses, four of which shall be completed in the last semester of the course. The whole course of study must be arranged in accordance with the plan on page 76. They must also have no outstanding deficiencies in the work of any semester, and must attain an average grade of 65. Diplomas are graded as *rite*, *cum laude*, *magna cum laude*, *summa cum laude*, according to scholarship.

Summa cum laude rank is fixed at 93, *magna cum laude* at 88, and *cum laude* at 80.

DEGREE OF BACHELOR OF SCIENCE

Candidates for the degree of Bachelor of Science are required to complete, in addition to the studies of Freshman year, not less than thirty semester courses, four of which shall be completed in the last semester of the course. The whole course of study must be arranged in accordance with the plan on page 76. They must also have no outstanding deficiencies in the work of any semester, and must attain an average grade of 65. Besides the mathematics of Freshman year they shall complete twelve semester courses in natural sciences, mathematics, and economics. Sciences taken in Freshman year and two courses in economics may be included in the twelve

courses required, but the two courses in mathematics of the first year may not be included. They shall complete also the second year of German and the second year of a Romance language. Sophomore English, and first year Physics in the Sophomore year. Diplomas are graded as *rite*, *cum laude*, *magna cum laude*, *summa cum laude*, according to scholarship, as specified above under B.A. degree.

A student who presents advanced Latin among the requirements for entrance to the Scientific course may become a candidate for the degree of Bachelor of Arts by electing the Latin courses of Freshman and Sophomore years.

GRADUATION IN LESS THAN FOUR YEARS

GRADUATION IN THREE YEARS.

A student who has at entrance, by examination, credit for four semester courses, may take six courses each semester, besides required work in declamation and hygiene, in order to obtain a degree in three years. Written notice of intention to complete the course in three years shall be given at the beginning of the first year.

GRADUATION IN THREE AND ONE HALF YEARS

A student may complete the course in three and one half years by taking in addition to the regular work an extra course in each of five semesters, and may take his degree at the Commencement following. Written notice of intention to complete the course in three and one half years shall be given at the beginning of the second year. On

completion of the requisite number of courses the student may on petition obtain leave of absence until the time when the degree is conferred.

No student shall take more than the required number of studies in any term in order to shorten the course, or for any other reason, except by permission of the Administration Committee.

DEGREE OF MASTER OF ARTS

The degree of Master of Arts is conferred upon Bachelors of Arts of Amherst College who have spent a year in residence at the College, pursuing a systematic course of liberal non-professional study, in accordance with the requirements below.

The degree is conferred upon Bachelors of Arts of this College who have been one year in residence at another college and have fulfilled the requirements indicated below.

Those who complete, at the end of the first semester of Senior year, the requirements for the degree of Bachelor of Arts may apply the remainder of the year to studies leading to the degree or Master of Arts, and finish their studies in non-residence the following year, receiving the degree one year after graduation.

The degree is conferred upon Bachelors of Arts of this College, not in residence at the College, who, not less than three years after graduation, have completed a course of liberal, non-professional study approved and tested in accordance with the requirements below.

Every resident candidate shall make application and arrange his subjects of study, in accordance with the requirements below, before the beginning of the first semester.

Every candidate who completes the requirements for the Bachelor's degree at the end of the first semester of Senior year, and applies the remainder of the year to studies leading to the Master's degree shall make application and arrange his subjects of study, in accordance with the requirements below, not later than December 1.

Every non-resident candidate shall make application and arrange his subjects of study, in accordance with the requirements below, not later than October 1.

REQUIREMENTS FOR THE M. A. DEGREE

Every candidate for the degree of Master of Arts shall make application on a blank for that purpose, containing the complete requirements, to be obtained from the Registrar.

Every candidate for the Master's degree, taken in residence complete or partial, shall pursue four courses, two in his major subject and two others. These courses shall be, unless otherwise arranged with the consent of the Committee on Instruction, primarily courses offered to undergraduates, and attendance on them shall be required of the candidate under the same conditions as apply to undergraduates. But courses for undergraduates shall not be accepted as themselves sufficient for the Master's degree. They shall not be elementary courses, and they must be increased by the assignment of a sufficient amount of additional work to be acceptable to the teachers concerned and to the Committee on Instruction.

Final examinations in each course shall be held in the case of every candidate for the Master's degree, whether the course is taken in residence or in partial residence or in non-

residence, and this final examination shall be at least partly oral. The oral examination shall be open to all members of the Faculty, and they will be allowed to question the candidate as they desire.

From every candidate there shall also be required a thesis on such subject and under such conditions as shall be set by the head of the major department.

Every candidate is expected to appear in person at the conferring of the degree.

Every resident candidate shall pay the regular tuition for each term of residence, and a diploma fee of five dollars. Every non-resident candidate shall pay a fee of ten dollars for examination and diploma.

Communications relative to the requirements for the degree should be addressed to Professor Thomas C. Esty, Secretary of the Committee on Instruction.

Fellowships

THE ROSWELL DWIGHT HITCHCOCK MEMORIAL FELLOWSHIP

OF two hundred and fifty dollars, offered by the Alpha Delta Phi Fraternity, is awarded annually under conditions determined by the Faculty to a member of the Senior class for excellence in history and the social and economic sciences. The holder of the Fellowship pursues for one year, at an institution approved by the Faculty, a course of study in history or economics, to be completed within the period of two years next following graduation. The amount of the Fellowship is paid in two instalments, one on completion of one half the year's work, the other at the end of the year.

THE RUFUS B. KELLOGG UNIVERSITY FELLOWSHIP

The gift of the late Rufus B. Kellogg of the class of 1858, awards the income of about thirty thousand dollars for seven years to an alumnus of Amherst College, who shall be appointed upon the following conditions:—

(1) He shall be elected by the Faculty from the members of the class graduated at the close of the academic year in which this selection shall be made, or from the members of the classes graduated in the six years immediately preceding the academic year in which this election shall be made.

(2) The Faculty shall select as the incumbent of the said Fellowship the man who, in their judgment, is best equipped for study and research, without regard to any other consideration whatsoever, except that he shall have an especially good knowledge of the Latin and German languages.

(3) The first three years of the term of seven years the incumbent shall spend at a German university (or with the approval of the Faculty of Amherst College, at any other place or places), in the study of philosophy, philology, literature, history, political science, political economy, mathematics, or natural science. The last four years of the term of seven years shall be spent as a lecturer at Amherst College. But the incumbent shall not give more than thirty lectures per annum, and shall not be required to reside at Amherst more than one college term of any year. The lectures shall be upon a subject selected by himself and approved by the Trustees; and the incumbent shall cause the lectures to be published at the end of his official term in good book form. He shall have no occupation or employment during the period of his Fellowship, except such as pertains to the duty of his Fellowship.

The Fellowship was established in 1892 and has been held by Prof. Arthur H. Pierce, Ph.D., of the class of 1888, from 1893 to 1900, and by Frank Otis Reed, Ph.D., of the class of 1899, from 1900 to 1907. The present incumbent is Preserved Smith, Ph.D. of the class of 1901.

THE EDWARD HITCHCOCK FELLOWSHIP

Of five hundred dollars, was founded by the late Mrs. Frank L. Babbott of Brooklyn, N. Y., to promote grad-

uate study in the department of physical education. Its object is to make the student familiar with the best methods of physical training, both in the gymnasium and on the field. The appointment is made by the Faculty.

THE SOUTH END HOUSE FELLOWSHIP

Of five hundred dollars, is provided by alumni of Boston and vicinity. The incumbent is in residence one year at the South End House, Boston, for the purpose of investigating social conditions and rendering service according to the methods of a university settlement. The appointment is made by the Trustees of the College.

Honors

COMMENCEMENT EXERCISES

From the fifteen Seniors who have attained the highest general standing at the end of the first semester of Senior year, five are selected upon the basis of literary and oratorical merit, to deliver orations on Commencement day. The Bond prize of one hundred dollars is awarded to the speaker who delivers the best oration.

THE PHI BETA KAPPA SOCIETY

Those who at the end of the first semester of Junior year have attained a general standing of 88 or more on the scale of one hundred, are, on recommendation of the Faculty, elected members of the Phi Beta Kappa Society. Those who at the end of the first semester of the Senior year have attained a general standing of 85 or more are, on recommendation of the Faculty, elected members of the society.

President: PROFESSOR BENJAMIN K. EMERSON, PH.D.

Corresponding Secretary: PROFESSOR LEVI H. ELWELL, M.A.

Recording Secretary: MR. G. NOYES SLAYTON, '11.

FINAL HONORS AT GRADUATION

Final honors in a single department of study are awarded for special work involving collateral reading or investigation under the following conditions:—

(1) The candidate must complete the last four semester-courses. The three semester-courses in Modern Government may be grouped with one semester in History, Philosophy, or Economics, in which a standing of eighty must be maintained. In History the Junior courses 3-4, 5-6, 9-10, or 13-14 may be reckoned as two of the last four courses. The special work of collateral reading or investigation is to be done in the last two courses. No student may be a candidate in more than one department, except by vote of the Administration Committee.

(2) The candidate must have at graduation an average standing of not less than eighty in all studies of the college course; an average standing of not less than seventy-five in each study of Senior year, and of ninety in the last year of study in the department in which the honor is sought.

(3) The proficiency of the candidate is tested by special examination or by thesis, or by both, at the end of Senior year.

(4) Notice of intention to become a candidate must be given to the Registrar by October 10 of the Senior year.

(5) One unit is added to the total average rank of a student who takes final honors. If honors are taken in more than one department, only one unit is added.

(6) The names of successful candidates are announced at Commencement and in the annual catalogue.

HONORABLE MENTION

(1) There must be a standing of not less than seventy-five in every department for the year.

(2) An average of ninety-three must be maintained for a full year's course in the department in which honorable mention is sought.

The names of those who have honorable mention are announced in the annual catalogue.

Prizes

The following prizes are offered annually for proficiency in the work of several departments of collegiate study:—

GREEK

The Hutchins Prize, of fifty dollars, given by the late Waldo Hutchins of the class of 1842, to the best scholar in Greek at the end of the Junior year. The scholarship is determined chiefly by the regular recitations and examinations of the department, but special studies and examinations may also be required of the candidates.

LATIN

The Bertram Prize, of fifty dollars, given by the late John Bertram of Salem. For the year 1910-1911 the prize will be awarded to that Senior who, together with attaining a high average in the work of courses 7 and 8, shall present the best essay on the philosophical, ethical, or poetical elements in the *De Rerum Natura* of Lucretius.

The Junior Prizes, of forty and of twenty dollars for the highest scholarship in the Latin of the Junior year; special work or special examinations may be required.

The Billings Prizes, of thirty and of twenty dollars, given by the late Parmly Billings of the class of 1884; for general excellence in the work of the Sophomore year, together with the best essays on special topics connected with the study of Catullus, Tacitus, and Pliny the Younger.

The Freshman Prizes, of twenty-five and of fifteen

dollars, for the highest scholarship in the Latin of Freshman year. The award will be determined by the reading at sight of passages from Cicero, Livy, Horace, and Ovid.

ENGLISH

The Kellogg Prizes, one of fifty dollars to a member of the Sophomore class, and one of fifty dollars to a member of the Freshman class, given by the late Rufus B. Kellogg of the class of 1858, for excellence in declamation.

The Hardy Prizes, of thirty and of twenty dollars, given by the late Alpheus Hardy of Boston, for improvement in extemporaneous speaking.

The Hyde Prize, of one hundred dollars, given by Benjamin D. Hyde of the class of 1894, in memory of his father Henry D. Hyde of the class of 1861, to that member of the Senior class who produces the best oration. Both composition and delivery are considered in making the award.

The Bond Prize, of one hundred dollars, given by the late Ephraim W. Bond of the class of 1841, for the best production spoken on the Commencement stage. The award is determined by the Trustees, or by a committee whom they may appoint.

The Kent Prize in English Literature, of one hundred dollars, given by Daniel Kent of the class of 1875, for the best essay upon one of the following subjects: (1) American Patriotic Verse; (2) Tennyson, the Englishman, as Revealed in this Poetry; (3) Matthew Arnold's Contribution to English Literature.

The Junior Prizes, of fifty dollars in books, given by an alumnus of the class of 1894, to members of the class in

public speaking who excel in oratorical composition the first semester of Junior year.

The Rogers Prize, of seventy dollars, given by Noah C. Rogers, of the class of 1880, to Juniors for excellence in debate.

The Armstrong Prizes, of fifty, of thirty, and of twenty dollars in books, given by Collin Armstrong of the class of 1877, in memory of his mother, Miriam Collin Armstrong, to members of the Freshman class who excel in composition.

The Hagen Prize in English Literature, of fifty dollars, given by Winston H. Hagen of the class of 1879. For the year 1910-1911 the prize will be assigned for the best work in any of the English courses 11, 12, 13, 14, 15, and 16, together with the best examination upon certain special work

The Sherwin Cody Prize, of fifty dollars, given by Sherwin Cody of the class of 1889, to a member of the Freshman class who excels in the composition of business letters.

The Folger Prizes, of one hundred, of fifty, and of twenty-five dollars, given by Henry C. Folger, Jr., of the class of 1879, for the best essays on Shakespearean topics, to be competed for by members of the Senior class.

MATHEMATICS, PHYSICS, AND ASTRONOMY

The Walker Prizes, given by the late William J. Walker of Newport, Rhode Island.

Two prizes, of fifty and of thirty dollars, in the mathematics of the first year.

Two prizes, of eighty and of forty dollars, in the mathematics of the second year.

The award in each case is determined by an examination.

The Porter Prizes, one of twenty dollars, in physics, and one of ten dollars, in astronomy, given by the late Eleazar Porter of Hadley. These awards are made at the conclusion of the collegiate course, and are determined by the record of all recitations and examinations in these departments.

The A. C. James Prize, of fifty dollars, in navigation.

NATURAL SCIENCE

The Shepard Mineralogical Prizes, of mineralogical specimens, valued respectively at fifteen, eight, six, and five dollars, given by the late Professor Charles U. Shepard, of the class of 1824, to members of the Senior class in mineralogy.

The Sawyer Prize, a gold medal of the value of fifty dollars, given by the late Edmund H. Sawyer, of Easthampton, for the best work in the course in human anatomy and physiology.

The A. Lyman Williston Prizes, of fifteen and of ten dollars, given by A. Lyman Williston, of Northampton, to those members of the Freshman class who take the best series of lecture notes in the course on personal hygiene.

THE PORTER ADMISSION PRIZE

The Porter Admission Prize, of fifty dollars, given by the late Eleazar Porter, of Hadley, to the candidate who passes the best examination for admission to the Freshman class. The name of the successful candidate, together with that of his school or of the instructor with whom he prepared for college, is published in the catalogue.

OTHER PRIZES

The Leland Prize, of one hundred dollars, given by Dr. George A. Leland of the class of 1874, to the class which, during the year, shall most faithfully discharge its duties in the gymnasium, and carry out most fully the instructions of the Professor of Hygiene.

The Ladd Prizes, the sum of one hundred dollars, given by William M. Ladd of the class of 1878, to be divided among undergraduate members of the College, for excellence in heavy gymnastic exercises at the annual exhibition.

The Woods Prize, of sixty dollars, given by the late Josiah B. Woods of Enfield, for general culture and improvement. This prize is awarded at the conclusion of the course.

The Dante Prize, of one hundred dollars, is offered annually by the Dante Society of America for the best essay by a student, or graduate of not more than three year's standing, on a subject drawn from the Life or Works of Dante. Competition for the prize is open to students and graduates of any college or university of the United States. Detailed information in regard to rules of competition and choice of subjects may be obtained from the Department of Romance Languages.

The Class-of-1884 Prize, of one hundred dollars, to the class that excels in the singing of college songs. The contest occurs on the campus in June, when the four classes sing in turn.

Scholarships and Beneficiary Aid

THE beneficiary funds of the College aggregate three hundred thousand dollars. Except as otherwise provided by the donors, the income of these funds is distributed annually, by a committee of the Faculty, among students of high character and good scholarship who need pecuniary aid.

Aid from beneficiary funds is given only to students who maintain a high standard of honor, who have no delinquency in any subject, whose average rank is not below seventy per cent., whose habits are economical, and who are candidates for a degree.

Awards are paid in instalments, at the beginning of each semester. The award is made for the entire year.

Applicants for scholarships in the three upper classes must file at the Registrar's office, on or before June 1 a statement of their resources for the academic year, together with two letters of recommendation giving evidence of their need, attainments, and character.

Applicants for the renewal of scholarships must present an account of their expenditures and income for the preceding year.

A limited number of applicants may be assured of scholarship awards before entering college. Blanks for application may be obtained of the President, and, when filled out by the applicant, must be accompanied by two letters concerning need, character, and attainments, one letter from the parent or guardian, and one from the principal

or a teacher. Awards are not payable unless the applicant is free from entrance conditions.

Scholarships are of three grades: the recipient being granted full tuition, paying a balance of fifteen dollars, or paying a balance of thirty dollars. The first class is composed of students whose average standing is A (90 to 100); the second class, of students whose average standing is B (80 to 90); the third class, of students whose average standing is C (70 to 80). There are four scholarships of one hundred dollars, and four of one hundred and ten dollars, which are not subject to the above conditions, except that a standing of not less than 70 shall be maintained. Those who intend to enter the Christian ministry receive awards of full tuition.

Awards are made from the income of the following funds:—

The Charitable Fund, \$90,000, primarily in aid of those studying for the Christian ministry. Any surplus income may be awarded to other students in the classical course.

The Stone Educational Fund, \$25,000.

The Class of 1871 Scholarship Fund, \$25,000, established by a member of the Class.

The William Hilton Scholarship Fund, \$17,500, the bequest of William Hilton of Boston.

The Whitcomb Scholarship Fund, \$12,000, established by David Whitcomb and G. Henry Whitcomb of Worcester.

The Hitchcock Scholarship Fund, \$10,000, established by Samuel A. Hitchcock of Brimfield.

The John E. Sanford Class-of-1851 Scholarship Fund, \$10,000, established by John E. Sanford of Taunton.

The Emerson Gaylord Scholarship Fund, \$6000, the bequest of Emerson Gaylord of Chicopee. Preference is given to graduates of the Chicopee High School.

The Day Benevolent Fund, \$5000, the bequest of Moses Day of Boston.

The Seymour Scholarship Fund, \$5000, the bequest of James S. Seymour of Auburn, New York.

The Harry Wilbur Scholarship Fund, \$5000, established by his parents in memory of Harry L. Wilbur of the Class of 1884.

A Scholarship Fund, \$5000, the bequest of Ivory H. Bartlett, Jr. of New Bedford.

The Danforth Keyes Bangs Scholarship Fund, \$4000, the bequest of Mrs. Louisa S. Baker of Amherst.

The Farnsworth Scholarship Fund, \$3000, established by Isaac D. Farnsworth of Boston.

The Knowles Scholarship Fund, \$3000, the bequest of Lucus J. Knowles of Worcester.

A Scholarship Fund, \$3000, established by a friend of the College.

The Reed Scholarship Fund, \$2500, the bequest of Charles Thayer Reed of Boston, in memory of his son, Charles Thayer Reed, Jr.

The Harold Ely Morse Memorial Scholarship Fund, \$2500, established by the family of Professor Anson D. Morse.

The Class of 1877 Scholarship Fund, \$2500, established by the Class.

The Class of 1860 Scholarship Fund, \$2200, established by the Class.

The Persian Scholarship Fund, \$2000, the bequest of Rev. James L. Merrick of Amherst.

The Charles Merriam Scholarship Fund, \$2000, established by Charles Merriam of Springfield.

The Quincy Tufts Scholarship Fund, \$2000, the bequest of Quincy Tufts of Boston.

The Henry Gridley Class-of-1862 Scholarship Fund, \$2000, established by the class in memory of their classmate whose name it bears.

The Henry H. Goodell Class-of-1862 Scholarship Fund, \$2000, established by the Class in memory of their classmate whose name it bears.

The Borden Scholarship Fund, \$2000, the bequest of Samuel Augustus Borden of Boston.

The Anderson Scholarship Fund, \$2000, the bequest of Samuel Augustus Borden of Boston.

The W. Eugene Kimball Scholarship Fund, \$2000, established by Robert J. Kimball of Brooklyn, New York.

The Morse Scholarship Fund, \$2000, established by Charles L. Morse of the class of 1901.

The Draper Scholarship Fund, \$2000, established by Warren F. Draper of the class of 1847.

The Class of 1855 Scholarship Fund, \$1100, established by the Class.

The Alexander H. Bullock Scholarship Fund, \$1500, established by Alexander H. Bullock of the Class of 1836.

The Class of 1836 Scholarship Fund, \$1500, established by the Class.

The Class of 1853 Scholarship Fund, \$1500, established by the Class.

The Class of 1871 Scholarship Fund, \$1400, established by the Class.

The Class of 1826 Scholarship Fund, \$500, established by two members of the Class.

Scholarship funds of \$1000 each as follows:

The Levi Russell Scholarship Fund, established by Levi Russell of Hadley.

The Tuttle Scholarship Fund, the bequest of Mrs. Sarah Tuttle of Wayland.

The George Cook Scholarship Fund, established by George Cook of the Class of 1841.

The Enos Dickinson Scholarship Fund, established by Enos Dickinson of Amherst.

The John C. Newton Scholarship Fund, established by John C. Newton of Worcester.

The James H. Newton Scholarship Fund, established by James H. Newton of Holyoke.

The Johnson Class-of-1823 Scholarship Fund, established by A. J. Johnson of New York City.

The Southworth Class-of-1822 Scholarship Fund, established by Wells Southworth of New Haven, Connecticut.

The Joseph Carew Scholarship Fund, established by Joseph Carew of South Hadley.

The Gregory Class-of-1850 Scholarship Fund, established by Hon. James J. H. Gregory of Marblehead.

The Dolly Coleman Blake Scholarship Fund, the bequest of Dolly Coleman Blake of Boston.

The Miller Scholarship Fund, established by Mrs. S. P. Miller of

Montclair, New Jersey, in memory of her son, J. C. B. Miller of the Class of 1869.

The Green Scholarship Fund, the bequest of Rev. Henry Solomon Green of the Class of 1834, as a memorial gift from himself and H. M. Green of the Class of 1865.

The Thomas Hale Scholarship Fund, established by Mrs. Alice T. March of Newburyport.

The Mary W. Hyde Scholarship Fund, the bequest of Mary W. Hyde of Boston.

The Sarah B. Hyde Scholarship Fund, the bequest of Sarah B. Hyde of Boston.

The W. S. Tyler Class-of-1830 Scholarship Fund, the bequest of Professor William Seymour Tyler of Amherst.

The Class Scholarship Fund, established by and bearing the names, respectively of

The Class of 1831	The Class of 1852	The Class of 1858
The Class of 1839	The Class of 1855	The Class of 1861
The Class of 1845	The Class of 1856	The Class of 1865
The Class of 1849	The Class of 1857	The Class of 1869

The Composite Scholarship Fund, established jointly by the following Classes:—

The Class of 1829	The Class of 1838	The Class of 1867
The Class of 1835	The Class of 1866	The Class of 1870

The Emily B. Ripley Scholarship Fund, the bequest of Emily B. Ripley of Royalston.

Funds yielding the following amounts annually:—

The Moore Scholarships, four of \$140 each, established by Rev. Zephaniah Swift Moore, D. D., first president of the College.

The State Scholarships, three, covering full tuition.

The Adams Scholarships, three of \$40 each, the bequest of Asahel Adams of North Brookfield.

The following scholarships maintained by annual gifts:—

The Sayles Scholarship, \$100, given by Fred Thomas Sayles of the Class of 1881.

The A. Lyman Williston Scholarship, \$50, given by A. Lyman Williston of Northampton.

Student Loan Fund

THROUGH the liberality of a friend of the College, provision is made for loans of a limited amount to a few students in the later years of the course, at a low rate of interest, upon notes acceptably endorsed and payable one or two years after graduation. The conditions made by the donor of this Fund limit its use to the assistance of students of thorough scholarship who are not preparing for the ministry, and whose habits of expenditure are economical.

A second fund provides for loans to students on similar terms, except that students for the ministry are not excluded.

Publications

THE annual catalogue is sent to all the alumni of the College, to all schools from which students are received, and to any who ask for it.

An address list of living alumni is issued once in two years.

A general catalogue of the Officers of Government and Instruction and of the Alumni and Honorary Graduates is issued quinquennially.

A record of graduates deceased during the year is issued annually in Commencement week.

STUDENT PUBLICATIONS

The Y. M. C. A. Handbook, published and distributed annually by the Christian Association, contains information chiefly useful to new students.

A semi-weekly paper, *The Amherst Student*, containing college news, account of games, notices of alumni, and discussion of college affairs, is issued by an editorial board of students.

The Amherst Monthly, conducted by students, contains articles, essays, poems, stories, and book notices.

The Olio, published annually by the Junior class, contains names of the members of fraternities, of officers and members of athletic, musical, literary, and dramatic organizations, of students receiving prizes and honors, and various matters of interest to the College.

Alumni Associations

The Society of the Alumni

(Annual Meeting in Commencement Week)

President: REV. SHERROD SOULE, '85.

Vice-Presidents:

Professor EDWIN A. GROSVENOR, '67

COLLIN ARMSTRONG, '77

F. N. LOOK, '77

HENRY P. FIELD, Esq., '80

JOHN P. CUSHING, '82

GEORGE B. MALLON, '87

Secretary and Treasurer:

Professor THOMAS C. ESTY, '93, Amherst.

Chairman of Committee on Alumni Trustees:

Rev. WILLIAM G. THAYER, '85

Executive Committee:

Dr. EDWARD HITCHCOCK, '49

HENRY P. FIELD, '80

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HERBERT L. PRATT, '95

ROBERT B. METCALF, '96

H. W. KIDDER, '97

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The Association of Boston and Vicinity

CHARLES E. KELSEY, *President*, 201 Columbus Ave.

WILLIAM F. MERRILL, *Secretary*, 530 Atlantic Ave.

The Amherst Association of New York

WILLIAM R. MEAD, LL.D., *President*, 160 Fifth Ave.

PROF. HARRY A. CUSHING, *Secretary*, 43 Cedar St.

The Association of Brooklyn

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HENRY E. TOBEY, *Secretary*, 120 Broadway, N. Y.

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REV. ALTON H. COWLES, *Secretary*, 205 D. S. Morgan Building, Buffalo.

The Association of Arizona

STUART W. FRENCH, *President*, Douglas.

The Association of the Southwest

PROF. LUTHER H. WHITTEMORE, *President*.

EDWARD W. KIDDER, *Secretary*, Kansas City, Mo.

The Association of Cleveland and Vicinity

WILLIAM E. BRYNES, *President*, 206 Superior St.

CHARLES W. DISBROW, *Secretary*, University Club.

The Association of Pittsburgh

WILLIAM D. EVANS, *President*, Commonwealth Building.
HARRY G. TINKER, *Secretary*, 431 Diamond St.

The Association of Nebraska

REV. FRANK T. ROUSE, *President*, Omaha.
OSGOOD T. EASTMAN, *Secretary*, First Nat'l Bank, Omaha.

The Amherst Club of Chicago

PLINY BARTLETT, *President*, 513 Monadnock Block.
JAMES MCCHESENEY, *Secretary*, 205 La Salle St.

The Association of Baltimore

REV. JOHN T. STONE, D. D., *President*, Chicago, Ill.
HORATIO E. SMITH, *Secretary*, 2430 Maryland Ave.

The Amherst Club of Minnesota

JOSEPH R. KINGMAN, *President*, Security Bld., Minneapolis.
STUART W. WELLS, *Secretary*, Wells & Dickey Co., Minneapolis, Minn.

The Connecticut Valley Association

FRANK N. LOOK, *President*, Florence.
WALTER P. HUBBARD, *Secretary*, 304 Central St., Springfield.

The Association of Philadelphia and Vicinity

TALCOTT WILLIAMS, LL.D., *President*, 916 Pine St.
EDWIN S. PARRY, *Secretary*, Riverton, N. J.

The Rocky Mountain Association

PRESIDENT W. F. SLOCUM, LL.D., *President*, 24 College Place, Colorado Springs, Colo.
JOHN E. MARSHALL, *Secretary*, 202 Ry. Exch., Denver, Colo.

The Association of Rhode Island

REV. FRANK J. GOODWIN, *President*, Pawtucket.
GERALD M. RICHMOND, *Secretary*, 527 Banigan Bldg., Providence.

The Association of Southern California

REV. WILLIAM H. DAY, D.D., *President*, 946 South Union Ave., Los Angeles.
WILLIAM C. MARBLE, *Secretary*, National Bank of California, Los Angeles.

RAILROAD CONNECTIONS

The Boston and Maine Railroad (Central Massachusetts division), between Boston and Northampton, passes through Amherst.

The Central Vermont Railroad, connecting at Palmer with the Boston and Albany Railroad, passes through Amherst.

There are electric street railways from Amherst to Northampton, Holyoke, Sunderland, and Pelham.

SPECIAL RAILROAD RATES AT COMMENCEMENT

The College expects to be able to secure special railroad rates on the certificate plan for those who attend the exercises of the Commencement season. Information concerning this matter may be obtained in May or June from secretaries of classes and alumni associations.

INFORMATION

All requests for information should be addressed to the Registrar, Walker Hall, Amherst, Mass.

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